



National Load Despatch Centre
पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
POWER SYSTEM OPERATION CORPORATION LIMITED
(Government of India Enterprise)
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

Date: 17th Feb 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033
General Manager, ERLDC, 14 Golf Club Road, Tolleygunge, 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, शिलोंग - 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 16.02.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 16 फरवरी 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 16th Feb 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-Feb-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41809	45070	38087	16612	2296	143874
Peak Shortage (MW)	482	11	0	203	50	746
Energy Met (MU)	891	1061	889	337	40	3217
Hydro Gen(MU)	114	51	52	19	5	241
Wind Gen(MU)	12	24	65	-----	-----	101
Solar Gen (MU)*	3.00	10.35	19.20	0.04	0.02	33

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	0.044	0.00	0.21	4.41	4.62	66.40	28.98

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	6164	0	110.9	53.1	1.5	243
	Haryana	6411	0	121.5	94.2	-0.5	113
	Rajasthan	10418	205	216.0	65.9	2.8	322
	Delhi	3441	0	61.2	49.2	0.3	175
	UP	12803	0	277.7	92.8	2.7	426
	Uttarakhand	1867	0	33.0	18.7	0.3	173
	HP	1451	0	25.1	18.7	1.0	233
	J&K	1949	487	41.8	35.8	-1.3	194
WR	Chhattisgarh	3377	0	76.3	20.2	0.9	407
	Gujarat	13455	0	295.6	88.1	-0.2	318
	MP	9953	0	199.1	124.1	-1.1	375
	Maharashtra	20966	0	445.8	152.8	-1.0	572
	Goa	537	0	9.5	8.3	0.6	82
	DD	307	0	7.0	6.6	0.4	27
	DNH	734	0	16.9	17.0	-0.1	17
	Essar steel	507	0	10.4	9.2	1.1	200
SR	Andhra Pradesh	7319	0	157.5	18.3	2.2	466
	Telangana	8328	0	168.6	78.9	1.5	397
	Karnataka	9333	0	206.2	79.2	0.5	459
	Kerala	3529	0	67.8	56.2	2.1	268
	Tamil Nadu	13470	0	282.7	130.8	-1.6	613
	Pondy	326	0	6.5	6.8	-0.3	26
ER	Bihar	3664	0	63.1	59.9	-1.2	402
	DVC	2698	0	63.5	-39.0	-0.9	356
	Jharkhand	1059	0	23.5	16.7	0.7	165
	Odisha	3641	0	67.5	12.2	-0.6	345
	West Bengal	6986	0	117.2	20.2	1.3	378
NER	Sikkim	95	0	1.8	1.7	0.1	20
	Arunachal Pradesh	79	5	2.1	1.9	0.2	1
	Assam	1383	22	22.6	16.8	2.1	105
	Manipur	155	3	2.2	2.6	-0.3	14
	Meghalaya	285	0	6.2	4.5	0.3	25
	Mizoram	80	2	1.4	1.2	0.1	7
	Nagaland	114	1	1.7	1.8	-0.3	15
Tripura	216	1	3.7	2.5	0.6	24	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.4	-8.4	-12.8
Day peak (MW)	144.3	-376.3	-593.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	198.6	-189.8	83.6	-94.8	5.2	2.8
Actual(MU)	211.4	-189.7	66.3	-97.3	6.8	-2.4
O/D/U/D(MU)	12.8	0.1	-17.3	-2.4	1.6	-5.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6297	12586	1270	620	179	20951
State Sector	13700	18519	7692	4374	110	44395
Total	19997	31105	8962	4994	288	65346

*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(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	17-Feb-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	396	0.0	14.8	-14.8	
2		SASARAM-FATEHPUR	S/C	71	142	0.0	0.5	-0.5	
3		GAYA-BALIA	S/C	0	333	0.0	6.8	-6.8	
4	HVDC LINK	PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0	
5	400 KV	PUSAULI-SARNATH	S/C	0	185	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	S/C	0	88	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	5	336	0.0	5.0	-5.0	
8		PATNA-BALIA	Q/C	0	789	0.0	13.8	-13.8	
9		BIHARSHARIFF-BALIA	D/C	5	189	0.0	3.2	-3.2	
10		BARH-GORAKHPUR	D/C	0	508	0.0	11.6	-11.6	
11		BIHARSHARIFF-VARANASI	D/C	27	0	0.0	1.3	-1.3	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	233	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	0.5	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	67.1	-66.6	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	742	0.0	7.0	-7.0	
18		NEW RANCHI-DHARAMJAIGARH	D/C	349	112	1.5	0.0	1.5	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	82	20	0.6	0.0	0.6	
20		JHARSUGUDA-RAIGARH	S/C	132	0	1.7	0.0	1.7	
21		IBEUL-RAIGARH	S/C	94	0	1.2	0.0	1.2	
22		STERLITE-RAIGARH	D/C	0	244	0.0	3.8	-3.8	
23		RANCHI-SIPAT	D/C	348	0	4.3	0.0	4.3	
24		BUDHIPADAR-RAIGARH	S/C	0	155	0.0	2.3	-2.3	
25	220 KV	BUDHIPADAR-KORBA	D/C	150	0	2.2	0.0	2.2	
ER-WR						11.5	13.1	-1.6	
Import/Export of ER (With SR)									
26	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	17.1	-17.1	
27	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	255.2	0.0	10.5	-10.5	
28		TALCHER-KOLAR BIPOLE	D/C	0.0	2449.1	0.0	44.7	-44.7	
29	400 KV	TALCHER-1/C	D/C	485.3	826.1	1.3	0.7	0.6	
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
ER-SR						0.0	72.4	-72.4	
Import/Export of ER (With NER)									
31	400 KV	BINAGURI-BONGAIGAON	D/C	0	0	0.0	0.0	0	
32		ALIPURDUAR-BONGAIGAON	D/C	456	880	0.1	0.0	0	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	329	659	1.2	0.0	1	
ER-NER						1.3	0.0	1.3	
Import/Export of NR (With NER)									
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	8.2	-8.2	
NR-NER						0.0	8.2	-8.2	
Import/Export of WR (With NR)									
35	HVDC	CHAMPA-KURUKSHETRA	D/C	0	0	0.0	0.0	0.0	
36		V'CHAL B/B	D/C	500	100	3.8	1.5	2.3	
37		APL -MHG	D/C	0	2517	0.0	57.5	-57.5	
38	765 KV	GWALIOR-AGRA	D/C	0	2820	0.0	61.2	-61.2	
39		PHAGI-GWALIOR	D/C	0	1480	0.0	30.4	-30.4	
40	400 KV	ZERDA-KANKROLI	S/C	225	38	1.7	0.0	1.7	
41		ZERDA -BHINMAL	S/C	134	180	0.0	0.9	-0.9	
42		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
43		RAPP-SHUIALPUR	D/C	0	366	0	6	-6	
44		BADOD-KOTA	S/C	52	0	0.7	0.0	0.7	
45		BADOD-MORAK	S/C	27	22	0.1	0.1	0.0	
46	220 KV	MEHGAON-AURAIYA	S/C	64	0	1.1	0.0	1.1	
47		MALANPUR-AURAIYA	S/C	17	13	0.1	0.0	0.1	
48	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						7.5	157.8	-150.4	
Import/Export of WR (With SR)									
49	HVDC	BHADRAWATI B/B	-	0	1000	0.0	17.6	-17.6	
50	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
51	765 KV	SOLAPUR-RAICHUR	D/C	0	1388	0.0	18.5	-18.5	
52	400 KV	KOLHAPUR-KUDGI	D/C	235	152	1.1	1.3	-0.2	
53	220 KV	KOLHAPUR-CHIKODI	D/C	0	267	0.0	5.6	-5.6	
54		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
55		XELDEM-AMBEWADI	S/C	88	0	1.6	0.0	1.6	
WR-SR						2.7	43.0	-40.2	
TRANSNATIONAL EXCHANGE									
56		BHUTAN						1.4	
57		NEPAL						-8.4	

