



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: 31st 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 30.01.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 30 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 30 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

31-Jan-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	40317	44491	37291	16805	2228	141132
Peak Shortage (MW)	506	56	0	100	61	723
Energy Met (MU)	812	1025	841	328	39	3045
Hydro Gen(MU)	108	46	46	21	11	231
Wind Gen(MU)	7	14	24	-----	-----	45
Solar Gen (MU)*	0.95	11.81	17.20	0.05	0.02	30

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	0.030	0.00	0.00	3.63	3.63	80.14	16.23

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	4853	0	89.7	34.0	-0.6	240
	Haryana	5895	0	98.0	64.1	-1.7	293
	Rajasthan	9305	0	193.9	70.9	3.9	438
	Delhi	3761	0	60.2	51.8	-3.4	250
	UP	13060	0	261.4	93.9	2.2	286
	Uttarakhand	1903	0	34.9	20.6	0.5	184
	HP	1418	0	25.9	20.0	0.7	169
	J&K	2047	512	44.2	39.1	0.3	164
WR	Chhattisgarh	3216	229	73.2	15.9	2.2	469
	Gujarat	13314	0	284.5	79.7	-3.2	399
	MP	9867	0	198.9	122.5	-3.3	155
	Maharashtra	20728	0	425.9	153.1	2.6	536
	Goa	524	0	9.4	9.0	-0.2	59
	DD	301	0	6.7	6.6	0.1	14
	DNH	730	0	16.9	16.9	0.0	12
	Essar steel	460	0	9.4	9.2	0.2	200
SR	Andhra Pradesh	7010	0	151.8	23.6	2.6	420
	Telangana	8007	0	160.7	79.4	1.8	291
	Karnataka	9228	0	200.8	75.9	2.9	564
	Kerala	3597	0	67.9	56.2	2.3	177
	Tamil Nadu	12350	0	254.0	134.8	0.5	594
	Pondy	295	0	5.8	6.4	-0.6	18
ER	Bihar	3489	0	61.1	58.9	0.5	150
	DVC	2437	0	63.7	-31.3	-0.5	200
	Jharkhand	1113	0	23.0	16.4	0.1	120
	Odisha	3853	0	67.7	12.5	1.4	200
	West Bengal	6865	0	110.7	18.2	1.2	200
NER	Sikkim	88	0	2.2	1.7	0.5	15
	Arunachal Pradesh	91	2	2.1	1.7	0.4	51
	Assam	1361	22	22.0	16.3	1.7	241
	Manipur	137	6	2.3	2.4	-0.1	31
	Meghalaya	291	0	5.6	4.2	-0.2	88
	Mizoram	82	2	1.4	1.0	0.4	36
	Nagaland	83	3	2.0	1.7	0.2	11
Tripura	207	1	3.5	1.9	0.2	44	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.3	-8.3	-12.5
Day peak (MW)	162.2	-384.3	-604.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	185.1	-191.1	73.4	-73.4	7.1	1.1
Actual(MU)	184.1	-194.7	62.5	-57.0	8.8	3.6
O/D/U/D(MU)	-1.0	-3.6	-10.9	16.3	1.7	2.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6631	11786	2050	2220	468	23155
State Sector	9825	19126	8072	5344	110	42477
Total	16456	30912	10122	7564	578	65632

*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 :	31-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	349	0.0	9.7	-9.7	
2		SASARAM-FATEHPUR	S/C	271	58	2.2	0.0	2.2	
3		GAYA-BALIA	S/C	0	329	0.0	5.8	-5.8	
4	HVDC LINK	PUSAULI B/B	S/C	0	249	0.0	6.0	-6.0	
5	400 KV	PUSAULI-SARNATH	S/C	0	215	0.0	0.0	0.0	
6		PUSAULI -ALLAHABAD	S/C	0	68	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	124	454	0.0	4.9	-4.9	
8		PATNA-BALIA	Q/C	0	979	0.0	16.9	-16.9	
9		BIHARSHARIFF-BALIA	D/C	51	205	0.0	2.0	-2.0	
10		BARH-GORAKHPUR	D/C	7	629	0.0	9.7	-9.7	
11	BIHARSHARIFF-VARANASI	D/C	19	0	0.3	0.0	0.3		
12	220 KV	PUSAULI-SAHUPURI	S/C	0	182	0.0	3.2	-3.2	
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						3.1	58.2	-55.1	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	332	154	0.9	0.0	0.9	
18		NEW RANCHI-DHARAMJAIGARH	D/C	456	3	5.9	0.0	5.9	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	136	0	1.3	0.0	1.3	
20		JHARSUGUDA-RAIGARH	S/C	123	0	1.8	0.0	1.8	
21		IBEUL-RAIGARH	S/C	89	0	1.3	0.0	1.3	
22		STERLITE-RAIGARH	D/C	0	189	0.0	2.7	-2.7	
23		RANCHI-SIPAT	D/C	416	0	6.6	0.0	6.6	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	5	103	0.0	1.3	-1.3	
25		BUDHIPADAR-KORBA	D/C	164	0	2.5	0.0	2.5	
ER-WR						20.2	4.1	16.1	
Import/Export of ER (With SR)									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	0	0.0	12.9	-12.9	
27		TALCHER-KOLAR BIPOLE	D/C	0.0	359	0.0	15.4	-15.4	
28	400 KV	TALCHER-I/C	D/C	0.0	576	0.0	-3.6	-3.6	
29	765 KV	ANGUL-SRIKAKULAM		0.0	2448	0.0	47.6	47.6	
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
ER-SR						0.0	72.4	15.7	
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	399	508	0.9	0.0	1	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	284	395	0.8	0.0	1	
ER-NER						1.7	0.0	1.7	
Import/Export of NR (With NER)									
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	11.1	11.1	
NR-NER						0.0	11.1	11.1	
Import/Export of WR (With NR)									
35	HVDC	V'CHAL B/B	D/C	500	0	8.4	0.0	8.4	
36	HVDC	APL -MHG	D/C	0	2316	0.0	48.0	-48.0	
37	765 KV	GWALIOR-AGRA	D/C	0	2900	0.0	58.6	-58.6	
38	765 KV	PHAGI-GWALIOR	D/C	0	1560	0.0	29.4	-29.4	
39	400 KV	ZERDA-KANKROLI	S/C	80	87	0.2	0.0	0.2	
40	400 KV	ZERDA -BHINMAL	S/C	6	218	0.0	2.3	-2.3	
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
42	400KV	RAPP-SHUJALPUR	D/C	0	420	0	7	-7	
43	220 KV	BADOD-KOTA	S/C	32	33	0.1	0.2	-0.1	
44		BADOD-MORAK	S/C	0	60	0.0	0.9	-0.9	
45		MEHGAON-AURAIYA	S/C	34	0	0.5	0.0	0.5	
46		MALANPUR-AURAIYA	S/C	5	15	0.0	0.1	-0.1	
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						9.2	146.4	-137.2	
Import/Export of WR (With SR)									
48	HVDC	BHADRAWATI B/B	-	0	1000	0.0	20.3	-20.3	
49	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
50	765 KV	SOLAPUR-RAICHUR	D/C	0	1274	0.0	23.3	-23.3	
51	400 KV	KOLHAPUR-KUDGI	D/C	127	299	0.3	1.0	-0.7	
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	280	0.0	5.9	-5.9	
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
54		XELDEM-AMBEWADI	S/C	84	0	1.6	0.0	1.6	
WR-SR						1.9	50.5	-48.6	
TRANSNATIONAL EXCHANGE									
54		BHUTAN	Energy Exchange (In MU)						
55		NEPAL	-8.3						
56		BANGLADESH	-9.3						