



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: 02nd 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 01.01.2016.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के परावधान के अनुसार, दिनांक 01 जनवरी 2017 की अखिल भारतीय परणाली की दैनिक गिरड निष्पादन रिपोर्ट रांभांपरेंके 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 01 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

2-Jan-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	40444	40024	32298	15932	2210	130908
Peak Shortage (MW)	560	0	0	250	31	841
Energy Met (MU)	837	965	788	313	36	2939
Hydro Gen(MU)	96	39	26	22	11	194
Wind Gen(MU)	9	20	18	-----	-----	48
Solar Gen (MU)*	1.99	9.65	16.00	0.03	0.02	28

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	0.00	5.69	5.69	68.94	25.37

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	4900	0	91.1	33.8	-0.4	186
	Haryana	5763	0	105.4	71.7	-0.1	261
	Rajasthan	9206	0	199.7	70.1	1.8	356
	Delhi	3482	0	56.3	44.0	0.4	246
	UP	13251	0	282.3	97.0	0.1	326
	Uttarakhand	1684	0	29.7	14.4	-0.8	164
	HP	1250	5	22.3	19.6	-1.2	44
	J&K	2242	560	46.7	38.4	3.9	361
WR	Chhattisgarh	188	0	3.1	3.3	-0.2	30
	Gujarat	2992	0	69.2	8.3	-2.4	183
	MP	12228	0	261.4	74.8	-2.6	488
	Maharashtra	9907	0	214.3	116.3	-3.0	228
	Goa	18950	0	381.7	118.0	-0.1	468
	DD	377	0	7.6	7.8	-0.8	36
	DNH	237	0	5.0	5.2	-0.2	22
	Essar steel	653	0	14.2	14.7	-0.5	53
SR	Andhra Pradesh	578	0	11.9	11.2	0.8	183
	Telangana	6700	0	141.8	10.1	0.6	325
	Karnataka	7591	0	144.3	64.5	0.3	361
	Kerala	9011	0	183.0	60.0	4.5	513
	Tamil Nadu	3010	0	56.2	49.4	2.1	200
	Pondy	12352	0	257.1	134.4	0.2	380
	Bihar	259	0	6.0	6.2	-0.2	18
	DVC	3611	250	62.7	59.5	-1.0	225
ER	Jharkhand	2439	0	56.1	-23.6	-3.0	188
	Odisha	1110	0	23.0	15.5	1.8	227
	West Bengal	3913	0	75.0	25.2	3.2	346
	Sikkim	5826	0	95.0	18.7	3.0	176
	Sikkim	84	0	1.4	1.3	0.1	18
NER	Arunachal Pradesh	84	0	1.4	1.3	0.1	18
	Assam	94	1	2.0	1.8	0.1	15
	Manipur	1340	10	20.5	15.6	0.9	95
	Meghalaya	134	1	2.3	2.4	-0.1	31
	Mizoram	253	0	4.5	3.7	-0.1	43
	Nagaland	82	1	1.3	1.4	-0.1	31
	Tripura	113	2	1.8	1.8	0.0	25
Tripura	209	1	3.5	1.2	0.4	26	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.2	-5.1	-9.8
Day peak (MW)	285.4	-111.3	-102.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	190.0	-187.9	67.6	-72.1	3.1	0.7
Actual(MU)	195.9	-194.3	67.6	-71.5	4.5	2.3
O/D/U/D(MU)	5.9	-6.3	0.0	0.6	1.4	1.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6044	12126	2760	950	422	22302
State Sector	10575	16539	7982	6684	110	41890
Total	16619	28665	10742	7634	531	64192

*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-के०वि०पा०(ग्रि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	2-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	441	0.0	14.7	-14.7	
2		SASARAM-FATEHPUR	S/C	0	264	0.0	4.0	-4.0	
3		GAYA-BALIA	S/C	0	371	0.0	6.3	-6.3	
4	HVDC LINK	PUSAULI B/B	S/C	4	0	0.0	0.0	0.0	
5	400 KV	PUSAULI-SARNATH	S/C	83	0	0.7	0.0	0.7	
6		PUSAULI -ALLAHABAD	S/C	178	0	2.9	0.0	2.9	
7		MUZAFFARPUR-GORAKHPUR	D/C	5	498	0.0	7.3	-7.3	
8		PATNA-BALIA	Q/C	0	876	0.0	16.9	-16.9	
9		BIHARSHARIFF-BALIA	D/C	14	286	0.0	4.7	-4.7	
10	400 KV	BARH-GORAKHPUR	D/C	0	585	0.0	13.3	-13.3	
11		BIHARSHARIFF-VARANASI	D/C	32	0	0.0	4.2	-4.2	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	232	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						4.1	74.6	-70.5	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	861	0.0	11.6	-11.6	
18		NEW RANCHI-DHARAMJAIGARH	D/C	448	198	2.1	0.0	2.1	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	144	47	0.8	0.0	0.8	
20		JHARSUGUDA-RAIGARH	S/C	151	0	1.8	0.0	1.8	
21		IBEUL-RAIGARH	S/C	107	0	0.3	0.0	0.3	
22		STERLITE-RAIGARH	D/C	66	168	0.0	1.6	-1.6	
23		RANCHI-SIPAT	D/C	272	17	3.4	0.0	3.4	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	60	71	0.0	0.2	-0.2	
25		BUDHIPADAR-KORBA	D/C	230	0	3.8	0.0	3.8	
ER-WR						12.1	13.3	-1.2	
Import/Export of ER (With SR)									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	252	0.0	12.4	-12.4	
27		TALCHER-KOLAR BIPOLE	D/C	0.0	2061	0.0	37.8	-37.8	
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	50.3	-50.3	
Import/Export of ER (With NER)									
31	400 KV	BINAGURI-BONGAIGAON	D/C	494	165	2.0	0.0	2	
32		ALIPURDUAR-BONGAIGAON	D/C	334	143	4.4	0.0	4	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.5	0.0	1	
ER-NER						6.9	0.0	6.9	
Import/Export of NR (With NER)									
34	HVDC LINK	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.0	12.0	
NR-NER						0.0	12.0	12.0	
Import/Export of WR (With NR)									
35	HVDC LINK	V'CHAL B/B	D/C	500	0	9.8	0.0	9.8	
36	HVDC LINK	APL-MHG	D/C	0	2217	0.0	53.5	-53.5	
37	765 KV	GWALIOR-AGRA	D/C	0	3030	0.0	57.8	-57.8	
38	765 KV	PHAGI-GWALIOR	D/C	0	1596	0.0	32.2	-32.2	
39	400 KV	ZERDA-KANKROLI	S/C	201	90	1.4	0.0	1.4	
40	400 KV	ZERDA -BHINMAL	S/C	150	210	0.0	1.0	-1.0	
41	400 KV	V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
42	400KV	RAPP-SHUJALPUR	D/C	0	458	0	8	-8	
43	220 KV	BADOD-KOTA	S/C	78	0	0.8	0.0	0.8	
44		BADOD-MORAK	S/C	33	42	0.2	0.4	-0.2	
45		MEHGAON-AURAIYA	S/C	61	0	1.1	0.0	1.1	
46		MALANPUR-AURAIYA	S/C	25	5	0.3	0.0	0.3	
47	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						13.6	152.8	-139.2	
Import/Export of WR (With SR)									
48	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	23.0	-23.0	
49	HVDC LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
50	765 KV	SOLAPUR-RAICHUR	D/C	0	2112	0.0	38.0	-38.0	
51	400 KV	KOLHAPUR-KUDGI	D/C	121	105	0.6	0.8	-0.3	
52	220 KV	KOLHAPUR-CHIKODI	D/C	0	267	0.0	5.6	-5.6	
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
54		XELDEM-AMBEWADI	S/C	86	0	1.4	0.0	1.4	
WR-SR						1.9	67.4	-65.5	
TRANSNATIONAL EXCHANGE									
54		BHUTAN						4.2	
55		NEPAL						-5.1	
56		BANGLADESH						-7.4	