



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 Oct, 2016

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 30.10.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 30 अक्टूबर 2016 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 30th October 2016, is available at the NLDC website.

http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/Oct%202016/31.10.16_NLDC_PSP.pdf

Thanking You.



पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting

31-Oct-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	38953	38863	32055	18426	2362	130659
Peak Shortage (MW)	457	0	0	250	30	737
Energy Met (MU)	823	897	793	353	42	2908
Hydro Gen(MU)	136	38	31	52	11	268
Wind Gen(MU)	5	14	15	-----	-----	34
Solar Gen (MU)*	2.70	9.76	9.40	0.04	0.03	22

B. Frequency Profile (%)

Region	FVI	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
NEW GRID	0.033	0.00	0.00	2.57	2.57	73.04	24.39
SR GRID	0.033	0.00	0.00	2.57	2.57	73.04	24.39

RegionRegion	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	4455	0	93.9	50.9	-0.4	420
	Haryana	5611	0	100.3	67.1	-1.1	356
	Rajasthan	9137	0	186.6	57.0	1.7	469
	Delhi	2828	0	58.5	48.8	0.6	221
	UP	15053	0	299.0	127.3	-3.0	627
	Uttarakhand	1424	0	27.5	14.9	-2.2	125
	HP	978	0	17.7	10.1	-0.2	140
	J&K	1829	457	37.1	31.7	-4.3	0
	Chandigarh	155	0	2.8	3.4	-0.5	2
WR	Chhattisgarh	2912	0	68.4	10.0	-1.7	221
	Gujarat	9864	0	220.8	56.4	-0.9	413
	MP	8911	0	195.8	117.6	-2.6	573
	Maharashtra	17744	0	382.4	106.7	0.9	453
	Goa	362	0	7.0	7.6	-1.1	0
	DD	231	0	3.6	3.8	-0.2	3
	DNH	690	0	11.5	11.9	-0.4	106
	Essar steel	352	0	7.1	6.8	0.3	211
	Andhra Pradesh	7043	0	154.8	27.2	2.4	332
SR	Telangana	7213	0	145.8	66.2	0.6	496
	Karnataka	9023	0	197.0	76.7	6.4	631
	Kerala	3131	0	59.4	51.6	2.3	231
	Tamil Nadu	10441	0	230.9	115.0	2.4	738
	Pondy	252	0	5.5	5.6	-0.2	14
	Bihar	3661	250	70.5	68.9	-1.2	172
ER	DVC	2485	0	60.8	-28.9	0.0	145
	Jharkhand	1145	0	22.0	15.2	0.5	78
	Odisha	3768	0	71.1	17.3	-1.0	250
	West Bengal	7514	0	127.3	28.9	-1.9	201
	Sikkim	64	0	1.1	1.1	0.0	18
NER	Arunachal Pradesh	123	7	2.1	1.9	0.2	14
	Assam	1440	3	25.1	17.9	2.1	167
	Manipur	134	4	2.2	2.0	0.2	10
	Meghalaya	277	4	5.2	2.4	1.0	59
	Mizoram	71	5	1.4	1.3	0.0	14
	Nagaland	104	5	2.0	1.7	0.2	30
	Tripura	251	0	4.3	3.4	0.8	101

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	21.7	-2.6	-12.9
Day peak (MW)	925.0	-223.1	-599.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	184.6	-195.4	82.5	-69.4	0.0	2.3
Actual(MU)	175.8	-202.9	93.9	-71.1	3.5	-0.8
O/D/U/D(MU)	-8.8	-7.5	11.4	-1.7	3.5	-3.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5100	11724	3210	1370	85	21489
State Sector	11050	19633	5831	6454	110	43078
Total	16150	31357	9041	7824	195	64567

*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(शि०प्र०)/
अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	31-Oct-16
								Import=(+ve) /Export =(-ve) for NET (MU)	
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
Import/Export of ER (With NR)									
1	765KV	GAYA-VARANASI	D/C	0	281	0.0	9.4	-9.4	
2		SASARAM-FATEHPUR	S/C	286	0	3.8	0.0	3.8	
3		GAYA-BALIA	S/C	0	389	0.0	6.5	-6.5	
4	HVDC LINK	PUSAULI B/B	S/C	0	297	0.0	0.0	0.0	
5	400 KV	PUSAULI-SARNATH	S/C	10	0	5.7	0.0	5.7	
6		PUSAULI-ALLAHABAD	S/C	0	301	0.0	7.1	-7.1	
7		MUZAFFARPUR-GORAKHPUR	D/C	183	357	0.0	5.9	-5.9	
8		PATNA-BALIA	Q/C	0	616	0.0	11.6	-11.6	
9		BIHARSHARIFF-BALIA	D/C	51	164	0.0	2.3	-2.3	
10		BARH-GORAKHPUR	D/C	0	437	0.0	9.3	-9.3	
11	220 KV	BIHARSHARIFF-VARANASI	D/C	23	0	0.0	0.0	0.0	
12		PUSAULI-SAHUPURI	S/C	0	236	0.0	4.5	-4.5	
13		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	35	0	0.9	0.0	0.9	
15		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
16	132 KV	KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
ER-NR						10.3	56.7	-46.3	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	174	619	0.0	4.7	-4.7	
18		NEW RANCHI-DHARAMJAIGARH	D/C	612	29	6.3	0.0	6.3	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	217	0	2.5	0.0	2.5	
20		JHARSUGUDA-RAIGARH	S/C	194	0	2.9	0.0	2.9	
21		IBEUL-RAIGARH	S/C	49	0	2.0	0.0	2.0	
22		STERLITE-RAIGARH	D/C	100	177	0.0	1.0	-1.0	
23	220 KV	RANCHI-SIPAT	D/C	338	0	3.5	0.0	3.5	
24		BUDHIPADAR-RAIGARH	S/C	41	88	0.0	0.4	-0.4	
25		BUDHIPADAR-KORBA	D/C	157	0	2.6	0.0	2.6	
ER-WR						19.8	6.0	13.7	
Import/Export of ER (With SR)									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	327	0.0	16.0	-16.0	
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	1967	0.0	38.4	-38.4	
28		TALCHER-I/C		0.0	1200	0.0	18.0	-18.0	
29	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
ER-SR						0.0	54.4	-54.4	
Import/Export of ER (With NER)									
30	400 KV	BINAGURI-BONGAIGAON	Q/C	0	1044	0.0	13.8	-14	
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	2.7	-3	
ER-NER						0.0	16.4	-16.4	
Import/Export of NR (With NER)									
32	HVDC	BISWANATH CHARIALI-AGRA	-	683	0	15.4	0.0	15.4	
NR-NER						15.4	0.0	15.4	
Import/Export of WR (With NR)									
33	HVDC	VCHAL B/B	D/C	500	50	10.9	0.1	10.9	
34	HVDC	APL -MHG	D/C	0	2317	0.0	50.0	-50.0	
35	765 KV	GWALIOR-AGRA	D/C	0	2586	0.0	49.3	-49.3	
36	765 KV	PHAGI-GWALIOR	D/C	0	1430	0.0	28.2	-28.2	
37	400 KV	ZERDA-KANKROLI	S/C	53	135	0.0	0.4	-0.4	
38	400 KV	ZERDA -BHINMAL	S/C	11	209	0.0	2.0	-2.0	
39	400 KV	VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
40	400KV	RAPP-SHUJALPUR	D/C	0	0	0.0	0.0	0.0	
41	220 KV	BADOD-KOTA	S/C	76	0	1.0	0.0	1.0	
42		BADOD-MORAK	S/C	35	23	0.2	0.1	0.1	
43		MEHGAON-AURAIYA	S/C	49	0	1.0	0.0	1.0	
44		MALANPUR-AURAIYA	S/C	21	10	0.2	0.0	0.2	
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						13.2	129.9	-116.7	
Import/Export of WR (With SR)									
46	HVDC	BHADRAWATI B/B	-	0	1000	0.0	22.9	-22.9	
47	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
48	765 KV	SOLAPUR-RAICHUR	D/C	0	2497	0.0	42.3	-42.3	
49	400 KV	KOLHAPUR-KUDGI	D/C	0	618	0.0	8.4	-8.4	
50	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
51		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
52		XELDEM-AMBEWADI	S/C	65	0	1.3	0.0	1.3	
WR-SR						1.3	73.6	-72.4	
TRANSNATIONAL EXCHANGE									
54		BHUTAN						21.7	
55		NEPAL						-2.6	
56		BANGLADESH						-12.9	