



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: 23rd 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., डोंगतेह, 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 22.10.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 22 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 22nd October 2016, is available at the NLDC website.

http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/Oct%202016/23.10.16_NLDC_PSP.pdf

Thanking You.



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

Report for previous day

Date of Reporting

23-Oct-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	43008	46554	37018	18467	2364	147411
Peak Shortage (MW)	729	0	0	265	113	1107
Energy Met (MU)	896	1031	870	369	42	3209
Hydro Gen(MU)	150	59	67	66	12	354
Wind Gen(MU)	15	18	29	-----	-----	62
Solar Gen (MU)*	0.44	10.61	11.90	0.04	0.02	23

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	0.045	0.00	0.00	10.88	10.88	73.65	15.47
SR GRID	0.045	0.00	0.00	10.88	10.88	73.65	15.47

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	5519	0	121.7	61.5	-0.6	196
	Haryana	6918	0	130.8	96.8	-1.5	158
	Rajasthan	8807	0	194.7	62.8	1.8	259
	Delhi	3776	0	75.0	59.1	1.3	271
	UP	13340	130	276.8	85.6	-0.1	700
	Uttarakhand	1723	0	35.0	21.7	0.3	150
	HP	1297	0	24.4	14.6	0.8	100
	J&K	1767	442	34.4	29.1	-4.5	0
	Chandigarh	193	0	3.6	3.7	-0.1	33
WR	Chhattisgarh	3248	0	71.9	11.4	-2.0	131
	Gujarat	13653	0	305.3	81.8	1.2	356
	MP	8172	0	179.4	108.0	-0.4	339
	Maharashtra	20442	0	433.2	124.9	2.6	424
	Goa	451	0	9.4	8.3	0.7	100
	DD	321	0	7.8	7.1	0.2	17
	DNH	780	0	17.9	17.7	0.1	22
	Essar steel	342	0	6.6	6.6	0.0	178
	Andhra Pradesh	7107	0	155.4	21.3	5.7	499
SR	Telangana	7546	0	158.0	91.2	1.9	287
	Karnataka	8493	0	189.9	66.5	7.2	707
	Kerala	3403	0	65.2	44.8	2.9	403
	Tamil Nadu	13821	0	295.0	122.9	-1.9	524
	Pondy	310	0	6.8	6.6	0.2	44
	Bihar	3406	200	69.1	65.3	1.0	0
ER	DVC	2529	0	60.2	-37.1	-2.6	0
	Jharkhand	1102	65	22.6	15.1	1.6	100
	Odisha	3769	0	69.2	18.0	-1.1	0
	West Bengal	7672	0	146.5	34.7	4.6	0
	Sikkim	89	0	1.5	1.0	0.5	0
	Arunachal Pradesh	114	3	1.8	2.0	-0.2	24
NER	Assam	1516	11	26.4	19.3	2.0	153
	Manipur	133	3	2.4	1.9	0.4	45
	Meghalaya	265	6	5.0	1.8	1.0	101
	Mizoram	78	1	1.3	1.2	0.1	11
	Nagaland	111	2	1.4	1.7	-0.3	21
	Tripura	233	1	4.1	3.5	0.4	116

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	30.0	-2.6	-13.6
Day peak (MW)	1243.7	-108.4	-644.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	190.8	-190.4	96.2	-87.9	-0.3	8.5
Actual(MU)	192.3	-210.4	98.5	-78.3	2.1	4.2
O/D/U/D(MU)	1.5	-20.0	2.3	9.5	2.4	-4.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5767	13249	2460	3655	84	25215
State Sector	10795	16182	6091	6934	110	40112
Total	16562	29431	8551	10589	193	65327

*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 :	23-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	315	0.0	10.0	-10.0	
2		SASARAM-FATEHPUR	S/C	37	175	0.0	2.2	-2.2	
3		GAYA-BALIA	S/C	0	343	0.0	5.5	-5.5	
4	HVDC LINK	PUSAULI B/B	S/C	3	0	0.0	0.0	0.0	
5	400 KV	PUSAULI-SARNATH	S/C	9	0	3.3	0.0	3.3	
6		PUSAULI-ALLAHABAD	S/C	203	0	3.4	0.0	3.4	
7		MUZAFFARPUR-GORAKHPUR	D/C	6	636	0.0	9.3	-9.3	
8		PATNA-BALIA	Q/C	0	660	0.0	11.3	-11.3	
9		BIHARSHARIFF-BALIA	D/C	9	311	0.0	3.9	-3.9	
10		BARH-GORAKHPUR	D/C	0	419	0.0	9.0	-9.0	
11		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.3	-1.3	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	232	0.0	0.0	0.0	
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	35	0	0.8	0.0	0.8	
15		KARMANASA-SAHUPURI	S/C	0	100	0.6	0.0	0.6	
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
ER-NR						8.2	52.4	-44.2	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	166	456	0.0	6.4	-6.4	
18		NEW RANCHI-DHARAMJAIGARH	D/C	336	123	2.5	0.0	2.5	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	169	0	2.0	0.0	2.0	
20		JHARSUGUDA-RAIGARH	S/C	189	0	2.4	0.0	2.4	
21		IBEUL-RAIGARH	S/C	132	0	1.7	0.0	1.7	
22		STERLITE-RAIGARH	D/C	128	0	1.6	0.0	1.6	
23		RANCHI-SIPAT	D/C	245	0	3.6	0.0	3.6	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	146	0.0	2.1	-2.1	
25		BUDHIPADAR-KORBA	D/C	131	0	1.4	0.0	1.4	
ER-WR						15.2	8.5	6.7	
Import/Export of ER (With SR)									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	336	0.0	15.6	-15.6	
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	1478	0.0	33.0	-33.0	
28		TALCHER-I/C		0.0	932	0.0	14.2	-14.2	
29	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
ER-SR						0.0	48.7	-48.7	
Import/Export of ER (With NER)									
30	400 KV	BINAGURI-BONGAIGAON	Q/C	0	758	0.0	9.5	-10	
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	2.6	-3	
ER-NER						0.0	12.1	-12.1	
Import/Export of NR (With NER)									
32	HVDC	BISWANATH CHARIALI-AGRA	-	486	0	11.3	0.0	11.3	
NR-NER						11.3	0.0	11.3	
Import/Export of WR (With NR)									
33	HVDC	VCHAL B/B	D/C	250	0	5.7	0.0	5.7	
34	HVDC	APL -MHG	D/C	0	2016	0.0	48.4	-48.4	
35	765 KV	GWALIOR-AGRA	D/C	0	3184	0.0	50.8	-50.8	
36	765 KV	PHAGI-GWALIOR	D/C	0	1528	0.0	30.3	-30.3	
37	400 KV	ZERDA-KANKROLI	S/C	168	42	1.9	0.0	1.9	
38	400 KV	ZERDA -BHINMAL	S/C	167	142	0.9	0.0	0.9	
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	65	0	0.7	0.0	0.7	
42		BADOD-MORAK	S/C	0	61	0.0	0.9	-0.9	
43		MEHGAON-AURAIYA	S/C	51	0	0.9	0.0	0.9	
44		MALANPUR-AURAIYA	S/C	19	18	0.2	0.1	0.1	
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						10.2	130.5	-120.2	
Import/Export of WR (With SR)									
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0	
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
48		SOLAPUR-RAICHUR	D/C	0	2091	0.0	43.6	-43.6	
49	400 KV	KOLHAPUR-KUDGI	D/C	0	314	0.0	4.9	-4.9	
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	103	0	1.8	0.0	1.8	
WR-SR						1.8	72.4	-70.6	
TRANSNATIONAL EXCHANGE									
54		BHUTAN						30.0	
55		NEPAL						-2.6	
56		BANGLADESH						-13.6	