



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: 19th 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 18.10.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 18 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 18th October 2016, is available at the NLDC website.

http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/Oct%202016/19.10.16_NLDC_PSP.pdf

Thanking You.



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

Report for previous day

Date of Reporting

19-Oct-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42701	44998	37496	18543	2415	146153
Peak Shortage (MW)	863	11	0	0	112	986
Energy Met (MU)	912	996	907	375	44	3234
Hydro Gen(MU)	160	54	92	75	14	396
Wind Gen(MU)	14	20	13	-----	-----	47
Solar Gen (MU)*	3.48	10.92	14.70	0.04	0.02	29

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	0.034	0.00	0.00	5.37	5.37	78.92	15.71
SR GRID	0.034	0.00	0.00	5.37	5.37	78.92	15.71

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	6014	0	126.0	62.7	0.7	207
	Haryana	7122	0	135.3	98.9	-1.8	110
	Rajasthan	9028	0	196.9	63.9	1.6	306
	Delhi	3870	0	78.1	63.6	0.5	165
	UP	12602	0	276.8	99.1	-0.1	391
	Uttarakhand	1838	0	36.4	18.7	1.0	128
	HP	1290	0	24.3	15.4	-0.9	169
	J&K	2010	502	34.6	28.3	-3.5	199
	Chandigarh	201	0	3.8	4.0	-0.1	33
WR	Chhattisgarh	3304	0	73.3	14.7	-3.0	200
	Gujarat	13356	19	295.2	70.4	-6.7	291
	MP	7617	0	165.5	96.6	-0.9	427
	Maharashtra	19887	0	421.5	130.1	1.4	388
	Goa	442	0	9.2	7.7	1.0	100
	DD	328	0	7.3	7.1	0.2	21
	DNH	771	0	17.7	17.9	-0.3	18
	Essar steel	382	0	6.5	6.8	-0.3	162
	Andhra Pradesh	7266	0	164.1	15.0	2.2	463
SR	Telangana	7547	0	156.1	75.4	1.4	282
	Karnataka	9232	0	206.4	68.8	8.6	646
	Kerala	3604	0	67.1	44.7	2.5	760
	Tamil Nadu	14005	0	306.5	148.3	1.5	712
	Pondy	324	0	7.1	6.9	0.2	43
	Bihar	3440	0	69.9	66.6	1.8	130
ER	DVC	2727	0	63.2	-25.9	0.5	180
	Jharkhand	1131	0	23.7	16.4	1.3	85
	Odisha	3930	0	73.3	16.5	0.6	200
	West Bengal	7860	0	143.4	35.7	1.4	210
	Sikkim	92	0	1.2	1.5	-0.3	10
	Arunachal Pradesh	113	2	2.2	2.1	0.1	32
NER	Assam	1535	49	27.5	19.1	2.8	178
	Manipur	112	5	2.0	1.7	0.3	26
	Meghalaya	250	3	4.5	1.8	0.6	62
	Mizoram	74	1	1.2	1.3	-0.1	13
	Nagaland	101	4	1.9	1.7	0.2	30
	Tripura	277	1	4.6	3.3	1.6	84

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	33.5	-3.6	-14.2
Day peak (MW)	1417.0	-145.1	-643.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	208.2	-171.9	67.3	-98.6	-2.3	2.7
Actual(MU)	205.2	-178.4	69.4	-95.1	2.0	3.1
O/D/U/D(MU)	-3.0	-6.5	2.1	3.5	4.3	0.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5875	15130	1460	870	34	23369
State Sector	11070	16536	5387	6374	110	39477
Total	16945	31666	6847	7244	143	62846

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(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 : 19-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	375	0.0	13.4	-13.4
2		SASARAM-FATEHPUR	S/C	84	182	0.0	0.5	-0.5
3		GAYA-BALIA	S/C	0	394	0.0	6.0	-6.0
4	HVDC LINK	PUSAULI B/B	S/C	2	147	0.0	2.2	-2.2
5	400 KV	PUSAULI-SARNATH	S/C	10	0	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	154	150	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	5	581	0.0	8.4	-8.4
8		PATNA-BALIA	Q/C	0	718	0.0	10.8	-10.8
9		BIHARSHARIFF-BALIA	D/C	45	264	0.0	2.8	-2.8
10		BARH-GORAKHPUR	D/C	0	450	0.0	9.5	-9.5
11	220 KV	BIHARSHARIFF-VARANASI	D/C	22	0	0.0	2.9	-2.9
12		PUSAULI-SAHUPURI	S/C	0	216	0.0	3.8	-3.8
13		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	0	0.0	0.0	0.0
16	132 KV	KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						0.8	60.5	-59.7
Import/Export of ER (With WR)								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	694	0.0	10.3	-10.3
18		NEW RANCHI-DHARAMJAIGARH	D/C	437	0	5.3	0.0	5.3
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	151	0	1.9	0.0	1.9
20		JHARSUGUDA-RAIGARH	S/C	150	0	2.0	0.0	2.0
21		IBEUL-RAIGARH	S/C	106	0	1.4	0.0	1.4
22		STERLITE-RAIGARH	D/C	114	0	1.5	0.0	1.5
23	220 KV	RANCHI-SIPAT	D/C	276	0	4.2	0.0	4.2
24		BUDHIPADAR-RAIGARH	S/C	0	180	0.0	2.6	-2.6
25		BUDHIPADAR-KORBA	D/C	97	34	0.6	0.0	0.6
ER-WR						16.7	12.9	3.8
Import/Export of ER (With SR)								
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	330	0.0	12.7	-12.7
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	1970	0.0	39.3	-39.3
28		TALCHER-I/C			0.0	1079	0.0	19.1
29	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
ER-SR						0.0	52.0	-52.0
Import/Export of ER (With NER)								
30	400 KV	BINAGURI-BONGAIGAON	Q/C	0	883	0.0	14.4	-14
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	3.2	-3
ER-NER						0.0	17.5	-17.5
Import/Export of NR (With NER)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	1000	0	11.2	0.0	11.2
NR-NER						11.2	0.0	11.2
Import/Export of WR (With NR)								
33	HVDC	V'CHAL B/B	D/C	50	0	1.0	0.0	1.0
34	HVDC	APL -MHG	D/C	0	2218	0.0	51.0	-51.0
35	765 KV	GWALIOR-AGRA	D/C	0	2660	0.0	53.0	-53.0
36	765 KV	PHAGI-GWALIOR	D/C	0	1538	0.0	30.7	-30.7
37	400 KV	ZERDA-KANKROLI	S/C	103	118	0.0	1.0	-1.0
38	400 KV	ZERDA -BHINMAL	S/C	106	155	0.0	1.0	-1.0
39	400 KV	V'CHAL -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	37	18	0.0	0.0	0.0
42		BADOD-MORAK	S/C	0	47	0.0	1.0	-1.0
43		MEHGAON-AURAIYA	S/C	50	0	1.0	0.0	1.0
44		MALANPUR-AURAIYA	S/C	21	23	0.0	0.0	0.0
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						2.0	137.7	-135.7
Import/Export of WR (With SR)								
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	23.8	-23.8
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
48		SOLAPUR-RAICHUR	D/C	0	1777	0.0	24.0	-24.0
49	400 KV	KOLHAPUR-KUDGI	D/C	188	275	0.0	0.0	0.0
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	97	0	2.0	0.0	2.0
WR-SR						2.0	47.8	-45.8
TRANSNATIONAL EXCHANGE								
54		BHUTAN						33.5
55		NEPAL						-3.6
56		BANGLADESH						-14.2