



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: 22st 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 21.10.2016.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 21 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 21th October 2016, is available at the NLDC website.

http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/Oct%202016/22.10.16_NLDC_PSP.pdf

Thanking You.



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

Report for previous day

Date of Reporting

22-Oct-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	44013	45958	37652	18437	2377	148438
Peak Shortage (MW)	572	11	1090	101	136	1910
Energy Met (MU)	909	1018	900	368	43	3237
Hydro Gen(MU)	150	56	83	69	12	370
Wind Gen(MU)	14	18	16	-----	-----	47
Solar Gen (MU)*	3.68	10.93	10.50	0.04	0.03	25

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	0.048	0.00	0.21	13.00	13.21	74.25	12.55
SR GRID	0.048	0.00	0.21	13.00	13.21	74.25	12.55

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	6317	0	119.8	59.2	-0.2	426
	Haryana	7131	0	132.4	97.2	-1.3	275
	Rajasthan	8911	0	198.7	61.9	1.1	296
	Delhi	3966	0	78.4	63.2	0.8	242
	UP	13106	0	279.3	91.3	-0.4	371
	Uttarakhand	1799	0	35.5	21.6	0.7	169
	HP	1322	0	24.8	15.0	0.7	107
	J&K	4430	1108	36.0	27.0	-1.6	232
	Chandigarh	205	0	3.8	3.9	-0.1	21
WR	Chhattisgarh	3301	0	72.3	11.4	-3.3	256
	Gujarat	13601	0	303.4	79.0	-3.2	453
	MP	7943	0	174.7	99.4	-1.5	420
	Maharashtra	20183	0	426.9	131.5	-1.0	293
	Goa	438	0	9.1	7.6	1.2	113
	DD	323	0	7.5	7.1	0.1	12
	DNH	767	0	17.8	18.0	-0.2	50
	Essar steel	307	0	6.5	6.6	-0.1	125
	Andhra Pradesh	7086	0	162.5	18.6	7.2	767
SR	Telangana	7748	0	159.4	91.4	0.8	378
	Karnataka	8224	800	202.0	67.9	7.1	735
	Kerala	3303	75	66.1	43.6	2.5	264
	Tamil Nadu	13436	0	302.8	129.1	0.3	873
	Pondy	300	15	6.9	6.8	0.1	37
	Bihar	3459	0	67.1	67.5	-2.5	0
ER	DVC	2539	0	62.1	-36.0	0.8	0
	Jharkhand	1089	101	21.1	15.4	0.8	250
	Odisha	3827	0	71.8	20.5	-0.9	100
	West Bengal	7894	0	144.3	35.9	0.5	100
	Sikkim	95	0	1.3	1.2	0.1	25
NER	Arunachal Pradesh	111	1	2.0	2.0	0.0	21
	Assam	1516	22	27.0	19.8	2.4	156
	Manipur	145	0	2.1	1.7	0.4	48
	Meghalaya	260	0	4.7	1.8	0.8	128
	Mizoram	82	0	1.3	1.1	0.1	17
	Nagaland	111	1	1.8	1.7	0.0	39
	Tripura	265	0	3.7	3.5	0.2	120

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	31.4	-2.6	-12.7
Day peak (MW)	1325.7	-115.9	-637.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	187.8	-202.5	99.3	-83.0	0.0	1.6
Actual(MU)	191.1	-211.3	103.9	-88.7	2.8	-2.2
O/D/U/D(MU)	3.3	-8.8	4.6	-5.7	2.8	-3.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5767	13633	2670	1895	84	24049
State Sector	10770	16749	6091	6934	110	40654
Total	16537	30382	8761	8829	193	64703

*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 :	22-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	326	0.0	11.3	-11.3	
2		SASARAM-FATEHPUR	S/C	38	164	0.0	1.9	-1.9	
3		GAYA-BALIA	S/C	0	303	0.0	5.6	-5.6	
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	2.5	0.0	2.5	
6		PUSAULI-ALLAHABAD	S/C	193	0	3.3	0.0	3.3	
7		MUZAFFARPUR-GORAKHPUR	D/C	6	514	0.0	8.3	-8.3	
8		PATNA-BALIA	Q/C	0	699	0.0	13.7	-13.7	
9		BIHARSHARIFF-BALIA	D/C	53	274	0.0	3.4	-3.4	
10		BARH-GORAKHPUR	D/C	0	459	0.0	9.4	-9.4	
11	220 KV	BIHARSHARIFF-VARANASI	D/C	19	0	0.0	1.8	-1.8	
12		PUSAULI-SAHUPURI	S/C	0	183	0.0	3.5	-3.5	
13		SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	35	0	0.4	0.0	0.4	
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						6.2	58.9	-52.7	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	112	426	0.0	5.4	-5.4	
18		NEW RANCHI-DHARAMJAIGARH	D/C	371	38	4.0	0.0	4.0	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	177	0	2.7	0.0	2.7	
20		JHARSUGUDA-RAIGARH	S/C	201	0	3.2	0.0	3.2	
21		IBEUL-RAIGARH	S/C	141	0	2.2	0.0	2.2	
22		STERLITE-RAIGARH	D/C	136	0	0.0	2.2	-2.2	
23	220 KV	RANCHI-SIPAT	D/C	278	0	4.6	0.0	4.6	
24		BUDHIPADAR-RAIGARH	S/C	0	146	0.0	2.1	-2.1	
25		BUDHIPADAR-KORBA	D/C	114	0	1.6	0.0	1.6	
ER-WR						18.2	9.6	8.6	
Import/Export of ER (With SR)									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	334	0.0	15.7	-15.7	
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	1772	0.0	34.1	-34.1	
28		TALCHER-I/C		0.0	848	0.0	15.1	-15.1	
29	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
ER-SR						0.0	49.8	-49.8	
Import/Export of ER (With NER)									
30	400 KV	BINAGURI-BONGAIGAON	Q/C	0	717	0.0	10.3	-10	
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	2.5	-3	
ER-NER						0.0	12.8	-12.8	
Import/Export of NR (With NER)									
32	HVDC	BISWANATH CHARIALI-AGRA	-	500	0	11.7	0.0	11.7	
NR-NER						11.7	0.0	11.7	
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	2408	0.0	51.7	-51.7	
36	765 KV	PHAGI-GWALIOR	D/C	0	1480	0.0	30.7	-30.7	
37	400 KV	ZERDA-KANKROLI	S/C	139	22	0.0	1.5	-1.5	
38	400 KV	ZERDA -BHINMAL	S/C	169	56	0.0	0.7	-0.7	
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	58	3	0.7	0.0	0.7	
42		BADOD-MORAK	S/C	4	58	0.0	0.4	-0.4	
43		MEHGAON-AURAIYA	S/C	54	0	0.7	0.0	0.7	
44		MALANPUR-AURAIYA	S/C	17	30	0.1	0.1	0.0	
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						7.2	133.4	-126.2	
Import/Export of WR (With SR)									
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	23.6	-23.6	
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
48		SOLAPUR-RAICHUR	D/C	0	2604	0.0	46.1	-46.1	
49	400 KV	KOLHAPUR-KUDGI	D/C	0	410	0.0	5.3	-5.3	
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	75.0	-73.1	
TRANSNATIONAL EXCHANGE									
54		BHUTAN						31.4	
55		NEPAL						-2.6	
56		BANGLADESH						-12.7	