



National Load Despatch Centre

राष्ट्रीय भार प्रेषण केंद्र

POWER SYSTEM OPERATION CORPORATION LIMITED

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(Government of India Enterprise/ भारत सरकार का उद्यम)

B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

बी-9, कुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 12th Oct 2017

To,

1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033
Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. कार्यकारी निदेशक, ऊ.क्षे.भा.प्रे.के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
Executive Director, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi - 110016
3. कार्यकारी निदेशक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र , अंधेरी, मुंबई -400093
Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. कार्यकारी निदेशक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नोंग्रह , लापलंग, शिलोंग - 793006
Executive Director, 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 11.10.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 11-अक्टूबर-2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके 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 11th October 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

12-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	48354	45708	37693	20299	2692	154745
Peak Shortage (MW)	3189	65	0	0	125	3379
Energy Met (MU)	1077	1044	794	392	50	3358
Hydro Gen(MU)	186	19	106	99	23	433
Wind Gen(MU)	5	19	28	-----	-----	52
Solar Gen (MU)*	0.79	11.68	30.40	0.57	0.03	43
Energy Shortage (MU)	22.8	0.0	0.0	0.0	0.8	23.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49538	45678	38256	20144	2849	155784

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	0.045	0.00	0.52	11.59	12.11	81.91	5.98

C. Power Supply Position in States

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)	Energy Shortage (MU)
NR	Punjab	6991	0	158.7	54.8	-0.1	203	0.0
	Haryana	7436	0	155.0	84.9	2.4	221	0.0
	Rajasthan	9575	465	205.1	78.2	1.5	262	2.0
	Delhi	4512	6	95.7	71.4	-1.3	94	0.0
	UP	15710	0	355.3	176.1	1.6	239	10.8
	Uttarakhand	1888	0	35.9	12.3	0.0	153	0.0
	HP	1329	0	25.5	10.6	1.9	209	0.2
	J&K	2222	555	41.3	30.8	-1.5	189	9.7
	Chandigarh	229	0	4.7	4.8	-0.1	21	0.0
	Chhattisgarh	3667	0	81.7	19.3	-1.5	150	0.0
WR	Gujarat	15333	0	349.0	123.3	2.5	235	0.0
	MP	8728	0	192.6	123.5	3.3	413	0.0
	Maharashtra	17564	0	381.9	130.3	-3.1	514	0.0
	Goa	476	0	9.8	9.6	0.2	64	0.0
	DD	335	0	7.6	6.4	1.2	71	0.0
	DNH	754	0	17.0	16.4	0.6	110	0.0
	Essar steel	246	0	4.7	5.4	-0.7	124	0.0
	Andhra Pradesh	6775	0	141.7	31.6	-1.1	385	0.0
SR	Telangana	6913	0	148.6	34.2	-4.1	475	0.0
	Karnataka	6961	0	140.3	50.1	0.6	531	0.0
	Kerala	3543	0	68.8	45.0	1.4	226	0.0
	Tamil Nadu	13338	0	287.6	146.0	0.4	646	0.0
	Pondy	353	0	7.3	7.6	-0.2	29	0.0
ER	Bihar	4311	0	77.2	66.5	3.3	450	0.0
	DVC	2782	0	62.2	-16.5	0.3	400	0.0
	Jharkhand	1057	0	22.4	16.4	0.8	130	0.0
	Odisha	4503	0	86.9	38.5	2.4	490	0.0
	West Bengal	8125	0	142.1	38.3	5.6	450	0.0
NER	Sikkim	101	0	1.2	1.1	0.1	20	0.0
	Arumachal Pradesh	103	2	2.6	2.4	0.2	7	0.1
	Assam	1750	73	31.5	24.7	1.4	141	0.6
	Manipur	158	4	2.1	2.3	-0.1	20	0.0
	Meghalaya	261	0	5.6	-1.2	1.5	126	0.0
	Mizoram	75	1	1.4	1.2	0.1	15	0.1
	Nagaland	104	1	2.5	1.6	0.4	23	0.0
	Tripura	284	0	4.7	3.7	0.3	90	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	29.6	-5.4	-15.1
Day peak (MW)	1256.8	-374.8	-664.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	209.5	-151.0	4.8	-57.5	0.1	5.9
Actual(MU)	198.0	-145.0	-2.4	-51.2	2.2	1.7
O/D/U/D(MU)	-11.5	6.1	-7.2	6.3	2.1	-4.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2354	15018	4100	1220	56	22748
State Sector	10230	16464	9272	6385	50	42401
Total	12584	31482	13372	7605	106	65149

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	611	1104	543	361	5	2625
Hydro	186	19	106	99	23	433
Nuclear	33	15	42	0	0	89
Gas, Naptha & Diesel	61	61	16	0	25	163
RES (Wind, Solar, Biomass & Others)	11	31	96	1	0	138
Total	901	1230	804	461	52	3448

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

सचिव(ऊर्जा)/संयुक्त सचिव(परिषद्)/ओ एम/निदेशक(ओ एम)/मुख्य अभियंता.के०वि०प्रा०(ग्रिड)०/मुख्य कार्यपालक अधिकारी(पोसोके)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	12-Oct-17
								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	240	0.0	6.0	-6.0	
2		SASARAM-FATEHPUR	S/C	0	52	2.1	0.0	2.1	
3		GAYA-BALIA	S/C	0	323	0.0	4.9	-4.9	
4	HVDC	ALIPURDUAR-AGRA	-	0	179	0.0	7.2	-7.2	
5		PUSAULI B/B	S/C	0	247	0.0	5.9	-5.9	
6	400 KV	PUSAULI-VARANASI	S/C	0	220	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	99	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	902	0.0	14.2	-14.2	
9		PATNA-BALIA	Q/C	0	1147	0.0	20.2	-20.2	
10		BIHARSHARIFF-BALIA	D/C	0	315	0.0	4.5	-4.5	
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.9	0.0	3.9	
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.3	-1.3		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	206	0.0	4.3	-4.3	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5	
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
ER-NR						6.5	68.4	-61.9	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	6.9	0.0	6.9	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	9.6	0.0	9.6	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	20	0.0	2.0	-2.0	
21		JHARSUGUDA-RAIGARH	S/C	0	15	1.2	0.0	1.2	
22		IBEUL-RAIGARH	S/C	0	0	1.2	0.0	1.2	
23		STERLITE-RAIGARH	D/C	0	0	6.2	0.0	6.2	
24		RANCHI-SIPAT	D/C	0	1	6.4	0.0	6.4	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	106	0.0	1.4	-1.4	
26		BUDHIPADAR-KORBA	D/C	0	0	1.5	0.0	1.5	
ER-WR						33.0	3.4	29.6	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	10.5	-10.5	
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	268.0	0.0	8.0	-8.0	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	1024.1	0.0	17.8	-17.8	
30	400 KV	TALCHER-I/C	D/C	0.0	1026.2	0.0	16.5	-16.5	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	36.3	-36.3	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1213	0.0	7.4	-7	
33		ALIPURDUAR-BONGAIGAON	D/C	0	992	0.0	4.8	-5	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.1	-2	
ER-NER						0.0	14.3	-14.3	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	700	0.0	14.4	-14.4	
NER-NR						0.0	14.4	-14.4	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	2500	0.0	41.6	-41.6	
37		VCHAL B/B	D/C	500	0	12.0	0.0	12.0	
38		APL -MHG	D/C	0	2028	0.0	38.1	-38.1	
39	765 KV	GWALIOR-AGRA	D/C	0	2856	0.0	48.2	-48.2	
40		PHAGI-GWALIOR	D/C	0	1240	0.0	22.2	-22.2	
41	400 KV	ZERDA-KANKROLI	S/C	343	0	6.3	0.0	6.3	
42		ZERDA -BHINMAL	S/C	309	0	4.8	0.0	4.8	
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44	220 KV	RAPP-SHUJALPUR	D/C	0	379	0	2	-2	
45		BADOD-KOTA	S/C	74	0	1.1	0.0	1.1	
46		BADOD-MORAK	S/C	59	0	0.7	0.0	0.7	
47		MEHGAON-AURAIYA	S/C	19	0	3.7	0.0	3.7	
48		MALANPUR-AURAIYA	S/C	76	0	1.1	0.0	1.1	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						29.7	152.4	-122.8	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	100	0.0	2.4	-2.4	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52		SOLAPUR-RAICHUR	D/C	714	870	0.2	0.0	0.2	
53	765 KV	WARDHA-NIZAMABAD	D/C	0	988	0.0	5.7	-5.7	
54		KOLHAPUR-KUDGI	D/C	796	0	12.2	0.0	12.2	
55	400 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	73	0	2.0	0.0	2.0	
WR-SR						14.4	8.1	6.2	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						29.6	
59		NEPAL						-5.4	
60		BANGLADESH						-15.1	