



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: 27th 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 26.10.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 25-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 26th October 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

27-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	43004	45232	38163	18993	2325	147717
Peak Shortage (MW)	832	90	0	250	181	1352
Energy Met (MU)	911	1066	860	380	42	3260
Hydro Gen(MU)	134	20	88	66	22	331
Wind Gen(MU)	11	11	25	-----	-----	48
Solar Gen (MU)*	2.88	15.98	28.60	0.76	0.03	48
Energy Shortage (MU)	9.4	0.0	0.0	0.8	1.1	11.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44249	47288	38707	19370	2277	150252

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	0.060	0.00	0.76	19.61	20.37	75.39	4.24

C. Power Supply Position in States

Region/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	5087	0	107.0	42.9	-1.3	98	0.0
	Haryana	6510	0	125.0	80.9	1.3	226	0.0
	Rajasthan	9873	0	199.1	64.9	0.9	394	0.0
	Delhi	3641	0	71.8	59.0	-0.5	95	0.0
	UP	14090	360	305.5	121.8	1.2	788	0.0
	Uttarakhand	1718	0	33.9	12.7	1.1	129	0.0
	HP	1393	0	24.7	15.1	0.4	111	0.1
	J&K	1905	476	40.2	32.2	0.9	184	9.4
WR	Chandigarh	223	0	3.5	3.8	-0.3	61	0.0
	Chhattisgarh	3566	0	76.8	28.9	-1.2	146	0.0
	Gujarat	14522	0	307.9	73.4	1.8	364	0.0
	MP	9998	0	221.1	157.3	2.6	622	0.0
	Maharashtra	19568	0	417.3	117.5	-1.2	347	0.0
	Goa	428	0	8.9	9.0	0.0	111	0.0
	DD	320	0	7.3	5.8	1.4	87	0.0
	DNH	752	0	17.5	16.1	1.4	79	0.0
SR	Essar steel	455	0	9.4	9.4	-0.1	155	0.0
	Andhra Pradesh	7540	0	164.4	62.0	1.7	408	0.0
	Telangana	7304	0	161.1	44.6	0.4	403	0.0
	Karnataka	8037	0	167.8	58.9	2.4	389	0.0
	Kerala	3360	0	66.6	44.9	1.4	201	0.0
	Tamil Nadu	13396	0	292.7	153.3	-0.8	483	0.0
	Pondy	349	0	7.2	7.4	-0.2	29	0.0
	ER	Bihar	4043	0	75.1	65.6	0.4	490
DVC		2962	0	63.4	-18.3	5.5	350	0.0
Jharkhand		1082	0	23.7	15.2	-1.7	0	0.0
Odisha		4263	0	84.3	40.7	2.5	400	0.8
West Bengal		7512	0	132.5	44.4	0.4	250	0.0
NER	Sikkim	98	0	1.3	1.2	0.0	20	0.0
	Arunachal Pradesh	96	9	2.2	2.2	0.0	7	0.0
	Assam	1538	49	25.0	19.8	0.2	139	0.8
	Manipur	145	7	2.3	2.2	0.1	19	0.1
	Meghalaya	256	49	5.3	0.0	0.3	59	0.0
	Mizoram	69	6	1.3	1.0	0.2	15	0.1
	Nagaland	119	4	2.2	1.6	0.1	19	0.0
Tripura	233	5	4.1	2.7	0.1	75	0.1	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	15.4	-1.9	-14.3
Day peak (MW)	652.3	-184.0	-638.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	171.5	-147.7	33.0	-46.7	-4.3	5.9
Actual(MU)	165.1	-145.8	35.1	-49.3	-4.5	0.6
O/D/U/D(MU)	-6.4	1.9	2.1	-2.6	-0.2	-5.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3362	14954	3560	1420	118	23414
State Sector	11720	15570	9002	7105	50	43447
Total	15082	30524	12562	8525	168	66861

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	542	1118	578	377	5	2620
Hydro	134	21	88	66	22	331
Nuclear	33	16	48	0	0	97
Gas, Naptha & Diesel	36	68	22	0	23	149
RES (Wind, Solar, Biomass & Others)	17	27	93	1	0	139
Total	762	1250	830	445	50	3337

*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(ग्रि०प्रा०)
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting :	27-Oct-17
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
								Import=(+ve) /Export =(-ve) for NET (MU)	
Import/Export of ER (With NR)									
1	765KV	GAYA-VARANASI	D/C	0	196	0.0	4.0	-4.0	
2		SASARAM-FATEHPUR	S/C	0	43	2.1	0.0	2.1	
3		GAYA-BALIA	S/C	0	203	0.0	3.0	-3.0	
4	HVDC	ALIPURDUAR-AGRA	-	0	286	0.0	10.4	-10.4	
5		PUSAULI B/B	S/C	0	245	0.0	5.3	-5.3	
6	400 KV	PUSAULI-VARANASI	S/C	0	220	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	97	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	656	0.0	10.7	-10.7	
9		PATNA-BALIA	Q/C	0	1018	0.0	19.4	-19.4	
10		BIHARSHARIFF-BALIA	D/C	0	165	0.0	2.1	-2.1	
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.0	0.0	4.0	
12		BIHARSHARIFF-VARANASI	D/C	0	104	0.2	0.0	0.2	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	140	0.0	2.8	-2.8	
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	6.8	57.6	-50.8
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	91	8.9	0.0	8.9	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	134	4.5	0.0	4.5	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	14	0.0	1.9	-1.9	
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.4	0.0	1.4	
22		IBEUL-RAIGARH	S/C	0	0	1.5	0.0	1.5	
23		STERLITE-RAIGARH	D/C	0	0	4.7	0.0	4.7	
24		RANCHI-SIPAT	D/C	0	0	7.0	0.0	7.0	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	73	0.1	0.0	0.1	
26		BUDHIPADAR-KORBA	D/C	0	0	2.1	0.0	2.1	
						ER-WR	30.3	1.9	28.4
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.5	-18.5	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	322.5	0.0	12.8	-12.8	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2017.0	0.0	29.5	-29.5	
30	400 KV	TALCHER-I/C	D/C	0.0	867.0	0.0	11.5	-11.5	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	60.8	-60.8
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1293	0.0	6.6	-7	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1074	0.0	2.1	-2	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.4	-1	
						ER-NER	0.0	10.1	-10.1
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	15.8	-15.8	
						NER-NR	0.0	15.8	-15.8
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1200	0.0	25.0	-25.0	
37		V'CHAL B/B	D/C	500	0	12.1	0.0	12.1	
38		APL -MHG	D/C	0	1210	0.0	28.7	-28.7	
39	765 KV	GWALIOR-AGRA	D/C	0	2286	0.0	43.0	-43.0	
40		PHAGI-GWALIOR	D/C	0	972	0.0	18.3	-18.3	
41	400 KV	ZERDA-KANKROLI	S/C	216	0	2.9	0.0	2.9	
42		ZERDA -BHINMAL	S/C	252	74	1.6	0.0	1.6	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	54	256	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	119	0	1.9	0.0	1.9	
46		BADOD-MORAK	S/C	67	20	0.7	0.0	0.6	
47		MEHGAON-AURAIYA	S/C	58	0	1.1	0.0	1.1	
48		MALANPUR-AURAIYA	S/C	21	0	0.3	0.0	0.3	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						WR-NR	20.6	116.7	-96.1
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	800	0.0	12.6	-12.6	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	433	445	0.0	1.4	-1.4	
53		WARDHA-NIZAMABAD	D/C	0	1436	0.0	16.1	-16.1	
54	400 KV	KOLHAPUR-KUDGI	D/C	0	734	10.4	0.0	10.4	
55	220 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	12.4	30.1	-17.7
TRANSNATIONAL EXCHANGE									
58		BHUTAN						15.4	
59		NEPAL						-1.9	
60		BANGLADESH						-14.3	