



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: 25th 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 24.10.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 24-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 24rd 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

25-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	42680	44248	38549	19987	2501	147965
Peak Shortage (MW)	1809	22	0	0	112	1943
Energy Met (MU)	922	1010	855	398	43	3229
Hydro Gen(MU)	141	19	77	79	24	340
Wind Gen(MU)	2	34	13	-----	-----	49
Solar Gen (MU)*	1.00	16.44	28.90	0.69	0.02	47
Energy Shortage (MU)	14.7	0.0	0.0	0.0	1.0	15.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43942	46230	39101	20511	2516	150432

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	0.049	0.00	0.25	14.33	14.58	79.02	6.40

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	5499	0	110.7	46.7	1.3	261	0.0
	Haryana	6644	0	130.2	80.0	2.3	230	0.0
	Rajasthan	9183	184	191.2	63.9	1.0	372	0.7
	Delhi	3826	0	77.2	65.0	-1.2	99	0.0
	UP	13560	0	312.2	125.8	0.9	237	4.6
	Uttarakhand	1720	0	32.8	12.8	-0.5	91	0.0
	HP	1354	0	24.5	14.7	0.5	187	0.0
	J&K	1956	489	40.0	32.8	-0.4	122	9.4
WR	Chandigarh	184	0	3.5	4.0	-0.5	9	0.0
	Chhattisgarh	3443	0	77.7	28.8	-1.0	122	0.0
	Gujarat	13614	0	271.4	61.8	-1.2	326	0.0
	MP	9822	0	216.8	148.3	-5.6	464	0.0
	Maharashtra	18534	0	401.3	131.4	2.0	456	0.0
	Goa	505	0	10.2	9.8	0.3	32	0.0
	DD	310	0	6.8	5.9	1.0	90	0.0
	DNH	740	0	16.4	16.4	0.6	110	0.0
SR	Essar steel	494	0	9.8	9.8	0.2	186	0.0
	Andhra Pradesh	7750	0	166.7	69.0	3.4	490	0.0
	Telangana	7232	0	161.0	54.1	-1.2	512	0.0
	Karnataka	8056	0	162.0	67.8	2.2	457	0.0
	Kerala	3480	0	66.7	48.6	1.2	242	0.0
	Tamil Nadu	13128	0	291.5	149.2	1.4	600	0.0
	Pondy	348	0	7.3	7.5	-0.2	35	0.0
	ER	Bihar	4456	0	78.9	70.9	-0.6	70
DVC		2981	0	64.2	-18.5	4.5	270	0.0
Jharkhand		1136	0	23.8	14.2	-0.7	60	0.0
Odisha		4177	0	87.2	43.5	0.5	650	0.0
West Bengal		8518	0	143.0	44.9	3.9	550	0.0
Sikkim		99	0	1.2	1.8	-0.6	21	0.0
NER	Arunachal Pradesh	112	7	2.2	2.4	-0.2	7	0.0
	Assam	1589	80	24.8	19.2	0.1	141	0.8
	Manipur	142	8	2.4	2.5	-0.1	20	0.0
	Meghalaya	278	4	5.2	-1.1	-0.3	126	0.0
	Mizoram	67	11	1.4	1.3	0.0	15	0.0
	Nagaland	117	4	2.2	1.7	-0.1	23	0.0
	Tripura	229	6	4.6	3.0	1.2	90	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	16.7	-2.9	-14.8
Day peak (MW)	791.4	-354.7	-636.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	174.7	-170.8	44.5	-44.6	-4.7	-0.9
Actual(MU)	164.8	-172.3	48.8	-42.0	-6.7	-7.4
O/D/U/D(MU)	-9.9	-1.5	4.3	2.5	-2.0	-6.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3022	14784	4310	1920	55	24090
State Sector	11720	16792	8842	6895	50	44299
Total	14742	31576	13152	8815	104	68389

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	564	1089	593	379	5	2629
Hydro	141	19	77	79	24	340
Nuclear	33	16	46	0	0	95
Gas, Naptha & Diesel	37	53	18	0	24	132
RES (Wind, Solar, Biomass & Others)	7	51	78	1	0	136
Total	782	1227	812	459	53	3333

*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(ग्रि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 25-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	159	0.0	3.1	-3.1
2		SASARAM-FATEHPUR	S/C	0	106	0.9	0.0	0.9
3		GAYA-BALIA	S/C	0	211	0.0	2.9	-2.9
4	HVDC	ALIPURDUAR-AGRA	-	0	283	0.0	11.2	-11.2
5		PUSAULI B/B	S/C	0	245	0.0	1.5	-1.5
6	400 KV	PUSAULI-VARANASI	S/C	0	212	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	67	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	717	0.0	11.2	-11.2
9		PATNA-BALIA	Q/C	0	1166	0.0	22.5	-22.5
10		BIHARSHARIFF-BALIA	D/C	0	189	0.0	2.9	-2.9
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.2	0.0	4.2
12		BIHARSHARIFF-VARANASI	D/C	0	68	0.0	0.5	-0.5
13	220 KV	PUSAULI-SAHUPURI	S/C	0	140	0.0	2.9	-2.9
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						5.6	58.7	-53.1
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.7	0.0	12.7
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	6.5	0.0	6.5
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	0.0	2.7	-2.7
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.2	0.0	2.2
22		IBEUL-RAIGARH	S/C	0	0	2.3	0.0	2.3
23		STERLITE-RAIGARH	D/C	0	0	7.0	0.0	7.0
24		RANCHI-SIPAT	D/C	0	0	7.6	0.0	7.6
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	51	0.0	0.0	0.0
26		BUDHIPADAR-KORBA	D/C	0	0	2.8	0.0	2.8
ER-WR						41.0	2.8	38.3
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.2	-14.2
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	261.1	0.0	11.9	-11.9
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1815.1	0.0	36.9	-36.9
30	400 KV	TALCHER-I/C	D/C	0.0	966.5	0.0	9.6	-9.6
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	63.0	-63.0
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1308	0.0	5.7	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	1082	0.0	1.1	-1
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.3	-1
ER-NER						0.0	8.1	-8.1
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.2	-16.2
NER-NR						0.0	16.2	-16.2
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	900	0.0	13.5	-13.5
37		V'CHAL B/B	D/C	500	0	9.8	0.0	9.8
38		APL -MHG	D/C	0	1613	0.0	34.6	-34.6
39	765 KV	GWALIOR-AGRA	D/C	0	2362	0.0	45.1	-45.1
40		PHAGI-GWALIOR	D/C	0	1114	0.0	20.0	-20.0
41	400 KV	ZERDA-KANKROLI	S/C	146	0	2.0	0.0	2.0
42		ZERDA -BHINMAL	S/C	159	131	0.1	0.0	0.1
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	336	0	1	-1
45		BADOD-KOTA	S/C	116	0	1.8	0.0	1.8
46	220 KV	BADOD-MORAK	S/C	46	17	0.4	0.0	0.3
47		MEHGAON-AURAIYA	S/C	80	0	1.3	0.0	1.3
48		MALANPUR-AURAIYA	S/C	50	0	0.5	0.0	0.5
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						15.9	114.3	-98.3
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	300	0.0	7.2	-7.2
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	71	1428	0.0	12.8	-12.8
53		WARDHA-NIZAMABAD	D/C	0	1600	0.0	25.2	-25.2
54	400 KV	KOLHAPUR-KUDGI	D/C	488	0	9.0	0.0	9.0
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						11.0	45.1	-34.1
TRANSNATIONAL EXCHANGE								
58		BHUTAN						16.7
59		NEPAL						-2.9
60		BANGLADESH						-14.8