



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: 31th 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 30.10.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 30-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 30th 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

31-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	40983	45985	37673	18696	2186	145524
Peak Shortage (MW)	2061	68	0	120	235	2484
Energy Met (MU)	872	1081	824	352	39	3169
Hydro Gen(MU)	131	21	65	53	20	290
Wind Gen(MU)	1	22	38	-----	-----	61
Solar Gen (MU)*	3.59	15.37	30.00	0.64	0.00	50
Energy Shortage (MU)	11.2	0.2	0.0	0.4	1.7	13.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41840	48407	38312	18615	2260	146629

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	0.036	0.00	0.06	7.79	7.85	82.01	10.14

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	4869	0	101.5	47.5	-0.4	140	0.0
	Haryana	6484	0	117.9	85.5	1.4	235	0.0
	Rajasthan	9513	0	196.3	67.7	1.1	194	0.0
	Delhi	3600	0	69.9	57.4	-0.7	177	0.0
	UP	12870	0	286.1	117.3	0.6	310	2.0
	Uttarakhand	1764	0	33.8	14.5	-0.1	132	0.0
	HP	1425	0	25.3	15.4	1.2	180	0.0
	J&K	1902	476	38.5	33.1	0.1	119	9.3
WR	Chandigarh	172	0	3.2	4.0	-0.8	0	0.0
	Chhattisgarh	3422	0	74.5	15.6	-2.1	127	0.0
	Gujarat	14896	0	316.0	86.0	-0.5	598	0.0
	MP	10621	0	227.3	162.0	1.6	627	0.2
	Maharashtra	19925	0	420.7	127.4	-1.3	354	0.0
	Goa	425	0	9.1	9.4	-0.3	24	0.0
	DD	328	0	7.1	6.1	1.1	83	0.0
	DNH	762	0	17.0	15.8	1.2	108	0.0
SR	Essar steel	458	0	9.7	9.4	0.3	189	0.0
	Andhra Pradesh	7233	0	157.9	53.6	0.6	473	0.0
	Telangana	7149	0	155.2	44.2	-0.1	427	0.0
	Karnataka	8104	0	173.4	61.6	1.6	498	0.0
	Kerala	3407	0	66.5	49.2	1.1	291	0.0
	Tamil Nadu	12160	0	264.7	157.2	2.9	502	0.0
	Pondy	319	0	6.2	6.7	-0.5	26	0.0
	ER	Bihar	3670	0	67.5	59.3	1.2	365
DVC		2945	100	66.6	-21.7	2.6	455	0.4
Jharkhand		1178	0	21.8	15.5	0.4	125	0.0
Odisha		4234	0	80.3	40.7	4.2	465	0.0
West Bengal		6862	0	114.5	25.8	2.0	385	0.0
Sikkim		97	0	1.3	1.3	0.0	20	0.0
NER	Arunachal Pradesh	139	0	2.3	2.2	0.1	7	0.0
	Assam	1311	196	23.0	16.4	0.9	139	1.4
	Manipur	163	2	2.1	2.6	-0.5	19	0.0
	Meghalaya	288	0	5.3	1.6	-0.2	59	0.0
	Mizoram	84	0	1.4	1.4	-0.1	15	0.0
	Nagaland	110	0	1.9	1.7	-0.3	19	0.0
	Tripura	251	1	3.4	2.7	-0.1	75	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	12.7	-2.5	-14.4
Day peak (MW)	569.8	-149.9	-614.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	183.5	-166.3	37.6	-54.1	-3.3	-2.5
Actual(MU)	188.4	-166.6	25.5	-40.1	-5.8	1.3
O/D/U/D(MU)	4.8	-0.4	-12.1	14.0	-2.5	3.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3572	15579	2760	2445	245	24601
State Sector	12470	15183	11842	6085	50	45630
Total	16042	30762	14602	8530	295	70231

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	504	1152	560	360	4	2581
Hydro	131	22	65	53	20	290
Nuclear	33	16	51	0	0	100
Gas, Naptha & Diesel	37	58	22	0	24	142
RES (Wind, Solar, Biomass & Others)	8	37	107	1	0	153
Total	714	1286	805	414	49	3266

*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 : 31-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	214	0.0	4.4	-4.4
2		SASARAM-FATEHPUR	S/C	0	66	1.9	0.0	1.9
3		GAYA-BALIA	S/C	0	224	0.0	3.5	-3.5
4	HVDC	ALIPURDUAR-AGRA	-	0	295	0.0	11.8	-11.8
5		PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1
6	400 KV	PUSAULI-VARANASI	S/C	0	222	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	95	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	569	0.0	8.6	-8.6
9		PATNA-BALIA	Q/C	0	833	0.0	15.9	-15.9
10		BIHARSHARIFF-BALIA	D/C	0	135	0.0	1.6	-1.6
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.8	0.0	3.8
12		BIHARSHARIFF-VARANASI	D/C	0	50	0.6	0.0	0.6
13	220 KV	PUSAULI-SAHUPURI	S/C	0	154	0.0	1.9	-1.9
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.0	0.0	0.0
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						6.3	53.7	-47.4
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	5.8	0.0	5.8
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	83	4.9	0.0	4.9
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	1.5	0.0	1.5
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.5	0.0	1.5
22		IBEUL-RAIGARH	S/C	0	0	1.5	0.0	1.5
23		STERLITE-RAIGARH	D/C	0	0	2.5	0.0	2.5
24		RANCHI-SIPAT	D/C	0	0	6.7	0.0	6.7
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	81	0.0	0.1	-0.1
26		BUDHIPADAR-KORBA	D/C	0	0	2.0	0.0	2.0
ER-WR						26.3	0.1	26.1
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.4	-15.4
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	296.6	0.0	13.6	-13.6
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1228.7	0.0	23.9	-23.9
30	400 KV	TALCHER-I/C	D/C	0.0	863.1	0.0	10.7	-10.7
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	52.8	-52.8
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1324	0.0	6.9	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	1099	0.0	1.7	-2
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.1	-1
ER-NER						0.0	9.7	-9.7
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.6	-16.6
NER-NR						0.0	16.6	-16.6
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	29.1	-29.1
37		V'CHAL B/B	D/C	500	0	10.7	0.0	10.7
38		APL -MHG	D/C	0	2015	0.0	37.3	-37.3
39	765 KV	GWALIOR-AGRA	D/C	0	2308	0.0	47.3	-47.3
40		PHAGI-GWALIOR	D/C	0	1238	0.0	22.1	-22.1
41	400 KV	ZERDA-KANKROLI	S/C	184	119	1.3	0.0	1.3
42		ZERDA -BHINMAL	S/C	120	249	0.0	1.2	-1.2
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	359	0	2	-2
45		BADOD-KOTA	S/C	135	0	1.9	0.0	1.9
46	220 KV	BADOD-MORAK	S/C	70	5	0.6	0.0	0.6
47		MEHGAON-AURAIYA	S/C	65	0	1.0	0.0	1.0
48		MALANPUR-AURAIYA	S/C	3	23	0.2	0.0	0.2
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						15.6	139.2	-123.6
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	8.8	-8.8
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	453	1167	0.0	7.9	-7.9
53		WARDHA-NIZAMABAD	D/C	0	1249	0.0	17.8	-17.8
54	400 KV	KOLHAPUR-KUDGI	D/C	896	0	16.1	0.0	16.1
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						18.1	34.4	-16.3
TRANSNATIONAL EXCHANGE								
58		BHUTAN						12.7
59		NEPAL						-2.5
60		BANGLADESH						-14.4