



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: 18th 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 17.10.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 17-अक्टूबर-2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 17th 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

18-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	49082	46462	35970	20523	2711	154748
Peak Shortage (MW)	649	57	0	0	66	772
Energy Met (MU)	1029	1076	759	412	49	3325
Hydro Gen(MU)	159	20	102	80	21	383
Wind Gen(MU)	4	13	44	-----	-----	61
Solar Gen (MU)*	3.28	16.88	25.40	0.73	0.03	46
Energy Shortage (MU)	10.8	0.0	0.0	0.0	0.7	11.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49800	45791	36432	20659	2853	155083

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	0.029	0.00	0.02	4.43	4.46	82.77	12.78

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	6172	0	130.4	50.4	-0.5	127	0.0
	Haryana	7512	163	154.7	85.7	3.0	694	1.4
	Rajasthan	9796	0	190.5	61.1	0.4	250	0.0
	Delhi	4132	0	87.0	68.1	-2.0	82	0.0
	UP	17670	0	359.8	163.8	-1.1	260	0.0
	Uttarakhand	1796	0	35.6	13.5	0.4	162	0.0
	HP	1268	0	27.5	12.5	1.0	178	0.0
	J&K	2105	526	39.7	32.4	-1.2	78	9.4
WR	Chandigarh	198	0	3.8	4.4	-0.6	0	0.0
	Chhattisgarh	3687	0	84.1	23.7	-1.8	64	0.0
	Gujarat	14951	0	333.3	117.7	3.3	433	0.0
	MP	9524	0	211.9	142.1	0.9	345	0.0
	Maharashtra	18381	0	402.9	121.6	-2.4	308	0.0
	Goa	462	0	9.4	9.4	0.0	42	0.0
	DD	335	0	7.5	6.7	0.8	90	0.0
	DNH	777	0	17.6	16.6	1.0	126	0.0
SR	Essar steel	510	0	9.4	9.3	0.1	166	0.0
	Andhra Pradesh	6805	0	146.0	37.6	1.2	444	0.0
	Telangana	6963	0	152.1	40.9	1.2	396	0.0
	Karnataka	7398	0	141.0	38.5	1.8	430	0.0
	Kerala	3303	0	63.4	45.3	1.0	174	0.0
	Tamil Nadu	11654	0	250.0	115.0	2.4	489	0.0
	Pondy	312	0	6.6	6.9	-0.3	19	0.0
	ER	Bihar	4570	0	82.4	76.5	-2.5	250
DVC		2904	0	67.6	-19.9	3.0	280	0.0
Jharkhand		2753	0	23.5	16.4	1.2	180	0.0
Odisha		4244	0	85.7	39.7	3.7	330	0.0
West Bengal		8266	0	151.5	50.5	1.5	456	0.0
Sikkim		92	0	1.2	1.1	0.0	21	0.0
NER	Arunachal Pradesh	126	0	2.5	2.2	0.3	7	0.0
	Assam	1720	40	30.7	23.1	2.2	141	0.5
	Manipur	169	0	2.2	2.3	-0.1	20	0.1
	Meghalaya	257	0	5.1	-0.8	0.5	126	0.0
	Mizoram	82	2	1.3	1.2	0.0	15	0.0
	Nagaland	112	2	2.3	1.8	0.0	23	0.1
	Tripura	267	1	4.9	3.7	1.0	90	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	20.4	-3.9	-14.9
Day peak (MW)	987.6	-292.1	-646.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	221.6	-162.5	-13.5	-42.9	-1.2	1.5
Actual(MU)	202.1	-162.3	-2.8	-31.7	-1.4	3.9
O/D/U/D(MU)	-19.5	0.2	10.7	11.3	-0.2	2.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3821	13724	4310	1490	105	23450
State Sector	10430	15613	10332	6105	50	42530
Total	14251	29337	14642	7595	154	65980

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	565	1152	500	385	9	2611
Hydro	159	19	102	80	21	382
Nuclear	33	14	46	0	0	93
Gas, Naptha & Diesel	66	61	19	0	25	170
RES (Wind, Solar, Biomass & Others)	15	29	107	1	0	152
Total	838	1275	775	466	55	3409

*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 : 18-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	203	0.0	5.0	-5.0
2		SASARAM-FATEHPUR	S/C	0	28	2.8	0.0	2.8
3		GAYA-BALIA	S/C	0	333	0.0	5.1	-5.1
4	HVDC	ALIPURDUAR-AGRA	-	0	286	0.0	10.5	-10.5
5		PUSAULI B/B	S/C	0	97	0.0	2.4	-2.4
6	400 KV	PUSAULI-VARANASI	S/C	0	121	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	28	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	649	0.0	10.8	-10.8
9		PATNA-BALIA	Q/C	0	1029	0.0	18.1	-18.1
10		BIHARSHARIFF-BALIA	D/C	0	187	0.0	6.1	-6.1
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.8	0.0	3.8
12		BIHARSHARIFF-VARANASI	D/C	0	60	0.5	0.0	0.5
13	220 KV	PUSAULI-SAHUPURI	S/C	0	240	0.0	4.5	-4.5
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						7.6	62.6	-54.9
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	30	5.1	0.0	5.1
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	8.5	0.0	8.5
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.7	0.0	2.7
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.1	0.0	2.1
22		IBEUL-RAIGARH	S/C	0	0	2.0	0.0	2.0
23		STERLITE-RAIGARH	D/C	0	0	6.6	0.0	6.6
24		RANCHI-SIPAT	D/C	0	0	10.8	0.0	10.8
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	137	0.0	1.6	-1.6
26		BUDHIPADAR-KORBA	D/C	0	0	1.3	0.0	1.3
ER-WR						39.1	1.6	37.5
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	10.3	-10.3
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	175.2	0.0	8.7	-8.7
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	730.9	0.0	12.7	-12.7
30	400 KV	TALCHER-I/C	D/C	0.0	1062.7	0.0	16.0	-16.0
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	31.7	-31.7
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1461	0.0	9.0	-9
33		ALIPURDUAR-BONGAIGAON	D/C	0	1199	0.0	3.3	-3
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.8	-2
ER-NER						0.0	14.2	-14.2
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	702	0.0	15.4	-15.4
NER-NR						0.0	15.4	-15.4
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	33.7	-33.7
37		V'CHAL B/B	D/C	400	0	3.5	0.0	3.5
38		APL -MHG	D/C	0	2016	0.0	48.0	-48.0
39	765 KV	GWALIOR-AGRA	D/C	0	2638	0.0	52.4	-52.4
40		PHAGI-GWALIOR	D/C	0	910	0.0	17.6	-17.6
41	400 KV	ZERDA-KANKROLI	S/C	421	0	7.1	0.0	7.1
42		ZERDA -BHINMAL	S/C	340	49	5.1	0.0	5.1
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	278	0	2	-2
45		BADOD-KOTA	S/C	13	0	1.7	0.0	1.7
46	220 KV	BADOD-MORAK	S/C	45	125	0.4	0.5	-0.1
47		MEHGAON-AURAIYA	S/C	80	0	1.3	0.0	1.3
48		MALANPUR-AURAIYA	S/C	43	0	0.6	0.0	0.6
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						19.9	154.5	-134.7
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	400	0	8.8	0.0	8.8
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	840	462	5.4	0.0	5.4
53		WARDHA-NIZAMABAD	D/C	0	1372	0.0	18.9	-18.9
54	400 KV	KOLHAPUR-KUDGI	D/C	756	0	15.8	0.0	15.8
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						31.9	18.9	13.1
TRANSNATIONAL EXCHANGE								
58		BHUTAN						20.4
59		NEPAL						-3.9
60		BANGLADESH						-14.9