



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: 06th Oct 2017

To,

- कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
- 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
- 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
- कार्यकारी निदेशक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006
Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
- 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 05.10.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 05-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 05th 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

6-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	48825	47205	36735	19855	2671	155291
Peak Shortage (MW)	2942	1197	10	488	116	4753
Energy Met (MU)	1097	1103	791	400	48	3439
Hydro Gen(MU)	211	35	79	105	25	456
Wind Gen(MU)	4	31	23	-----	-----	58
Solar Gen (MU)*	4.04	15.45	23.80	1.11	0.02	44
Energy Shortage (MU)	45.1	30.1	0.0	1.5	1.1	77.7
Maximum Demand Met during the day (MW) (from NLDC SCADA)	50644	48121	37272	19605	2754	157603

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	0.072	0.00	1.34	23.38	24.72	69.81	5.46

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	8081	0	172.5	67.1	-0.3	115	0.0
	Haryana	7663	125	158.2	90.8	1.8	302	0.2
	Rajasthan	9044	197	204.8	80.8	2.9	307	19.2
	Delhi	4611	0	98.6	70.1	-0.2	144	0.1
	UP	15834	0	352.8	141.5	1.1	679	15.9
	Uttarakhand	1917	150	39.0	13.5	0.3	97	0.0
	HP	1320	0	25.6	8.8	1.0	139	0.0
	J&K	2071	518	41.2	28.6	0.2	248	9.8
WR	Chandigarh	227	0	4.6	4.7	-0.1	25	0.0
	Chhattisgarh	3716	0	84.6	30.7	-0.7	200	0.0
	Gujarat	16818	29	366.4	97.6	4.3	628	0.0
	MP	8690	0	191.4	120.9	-0.4	548	0.0
	Maharashtra	18856	2519	420.0	143.4	1.0	821	30.1
	Goa	415	0	9.0	8.9	-0.2	62	0.0
	DD	337	0	7.6	6.9	0.7	67	0.0
	DNH	770	0	17.8	17.2	0.6	58	0.0
SR	Essar steel	308	0	5.9	6.0	-0.2	156	0.0
	Andhra Pradesh	6677	0	137.2	38.5	-0.6	346	0.0
	Telangana	7049	0	158.4	68.4	-0.7	259	0.0
	Karnataka	7054	0	141.4	43.6	0.9	372	0.0
	Kerala	3490	0	68.9	41.7	1.2	264	0.0
	Tamil Nadu	12862	0	278.1	140.8	-1.1	462	0.0
	Pondy	322	0	6.8	7.1	-0.3	31	0.0
	ER	Bihar	4698	0	89.9	81.1	2.0	175
DVC		2631	0	61.3	-16.9	3.0	300	0.7
Jharkhand		1118	0	23.4	15.6	0.7	85	0.2
Odisha		4350	0	80.0	28.4	0.1	225	0.6
West Bengal		7868	0	143.7	48.4	0.5	250	0.0
Sikkim		100	0	1.2	1.0	0.2	12	0.0
NER	Arunachal Pradesh	110	2	2.4	2.5	-0.1	13	0.0
	Assam	1692	95	31.1	21.9	4.0	167	0.8
	Manipur	161	1	2.1	2.2	-0.1	23	0.1
	Meghalaya	278	0	5.1	-1.9	0.2	12	0.0
	Mizoram	91	1	1.3	1.4	-0.1	9	0.0
	Nagaland	109	3	1.8	1.7	-0.1	18	0.0
	Tripura	243	0	4.2	4.2	0.0	43	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	26.6	-4.9	-15.8
Day peak (MW)	1122.2	-235.9	-659.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	174.0	-164.7	28.7	-31.9	-4.7	1.4
Actual(MU)	154.4	-162.5	22.8	-15.8	-2.7	-3.8
O/D/U/D(MU)	-19.6	2.2	-5.9	16.1	2.0	-5.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2125	14764	4560	2245	56	23750
State Sector	9605	15987	9162	6175	50	40979
Total	11730	30751	13722	8420	106	64729

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	632	1136	551	339	5	2663
Hydro	211	36	79	105	25	457
Nuclear	33	16	40	0	0	90
Gas, Naptha & Diesel	67	70	17	0	25	178
RES (Wind, Solar, Biomass & Others)	14	47	85	1	0	148
Total	957	1304	773	445	56	3535

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(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 : 6-Oct-17
SI 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	112	0.0	0.9	-0.9
2		SASARAM-FATEHPUR	S/C	0	0	5.4	0.0	5.4
3		GAYA-BALIA	S/C	0	219	0.0	4.0	-4.0
4	HVDC	ALIPURDUAR-AGRA	-	0	282	0.0	11.1	-11.1
5		PUSAULI B/B	S/C	0	248	0.0	6.0	-6.0
6	400 KV	PUSAULI-VARANASI	S/C	0	234	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	70	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	559	0.0	9.2	-9.2
9		PATNA-BALIA	Q/C	0	802	0.0	13.7	-13.7
10		BIHARSHARIFF-BALIA	D/C	0	108	0.0	1.3	-1.3
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.8	0.0	3.8
12		BIHARSHARIFF-VARANASI	D/C	0	0	2.8	0.0	2.8
13	220 KV	PUSAULI-SAHUPURI	S/C	0	160	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	0.7	0.0	0.7
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						12.7	50.7	-38.0
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	8.9	0.0	8.9
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	13.7	0.0	13.7
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	0.0	3.2	-3.2
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.4	0.0	2.4
22		IBEUL-RAIGARH	S/C	0	0	2.3	0.0	2.3
23		STERLITE-RAIGARH	D/C	0	0	5.0	0.0	5.0
24		RANCHI-SIPAT	D/C	0	0	6.4	0.0	6.4
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	90	0.0	0.9	-0.9
26		BUDHIPADAR-KORBA	D/C	0	0	1.5	0.0	1.5
ER-WR						40.2	4.1	36.1
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	10.8	-10.8
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	276.1	0.0	11.5	-11.5
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1321.4	0.0	18.9	-18.9
30	400 KV	TALCHER-I/C	D/C	0.0	931.0	0.0	13.2	-13.2
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	41.1	-41.1
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1306	0.0	7.0	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	1080	0.0	2.6	-3
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.7	-2
ER-NER						0.0	11.3	-11.3
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.1	-16.1
NER-NR						0.0	16.1	-16.1
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	17.7	-17.7
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	1512	0.0	35.7	-35.7
39	765 KV	GWALIOR-AGRA	D/C	0	2286	0.0	46.6	-46.6
40		PHAGI-GWALIOR	D/C	0	2	0.0	22.5	-22.5
41	400 KV	ZERDA-KANKROLI	S/C	282	9	3.1	0.0	3.1
42		ZERDA -BHINMAL	S/C	208	48	1.4	0.0	1.4
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	335	0	3	-3
45	220 KV	BADOD-KOTA	S/C	60	0	0.3	0.0	0.3
46		BADOD-MORAK	S/C	48	70	0.3	0.2	0.1
47		MEHGAON-AURAIYA	S/C	106	0	2.1	0.0	2.1
48		MALANPUR-AURAIYA	S/C	67	0	1.3	0.0	1.3
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						20.8	125.6	-104.8
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	100	300	0.6	2.3	-1.7
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	44	921	0.0	7.6	-7.6
53		WARDHA-NIZAMABAD	D/C	0	1194	0.0	15.6	-15.6
54	400 KV	KOLHAPUR-KUDGI	D/C	523	0	8.3	0.0	8.3
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						10.9	25.4	-14.6
TRANSNATIONAL EXCHANGE								
58		BHUTAN						26.6
59		NEPAL						-4.9
60		BANGLADESH						-15.8