



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: 07th 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 06.10.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 06-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 06th 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

7-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	48275	45898	36882	19903	2624	153582
Peak Shortage (MW)	4301	1192	125	470	125	6212
Energy Met (MU)	1090	1100	790	411	50	3441
Hydro Gen(MU)	208	32	70	95	24	429
Wind Gen(MU)	4	42	42	-----	-----	87
Solar Gen (MU)*	3.85	14.85	27.10	0.60	0.02	46
Energy Shortage (MU)	44.1	24.8	0.6	1.4	1.1	72.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49864	47341	37420	20237	2755	154002

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	0.039	0.00	0.20	9.25	9.44	79.46	11.10

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	8087	0	169.7	66.0	-0.4	135	0.0
	Haryana	7528	0	158.9	85.4	0.3	180	0.0
	Rajasthan	9027	276	202.4	76.1	6.3	463	17.6
	Delhi	4586	0	97.7	69.2	-1.6	150	0.0
	UP	15516	915	351.8	150.9	2.7	537	16.0
	Uttarakhand	1915	0	39.7	13.7	0.8	230	0.0
	HP	1301	0	24.1	9.2	-0.2	113	0.9
	J&K	2030	508	40.5	29.6	-1.6	261	9.6
WR	Chandigarh	235	0	4.8	4.9	-0.1	30	0.0
	Chhattisgarh	3502	0	83.6	22.9	0.3	85	0.0
	Gujarat	16588	6	367.1	105.4	2.4	553	0.0
	MP	8735	0	194.3	118.1	2.8	512	0.0
	Maharashtra	19519	1627	415.1	143.0	1.3	686	24.8
	Goa	415	0	9.0	8.8	-0.1	42	0.0
	DD	343	0	7.7	6.6	1.1	100	0.0
	DNH	756	0	17.6	16.7	1.0	55	0.0
SR	Essar steel	286	0	5.6	6.0	-0.4	159	0.0
	Andhra Pradesh	6645	0	140.5	38.9	3.4	471	0.0
	Telangana	6868	0	154.3	63.3	-1.7	199	0.0
	Karnataka	6993	0	141.7	44.2	1.8	442	0.0
	Kerala	3451	0	67.1	41.9	1.3	266	0.6
	Tamil Nadu	13156	0	279.8	117.6	-1.8	470	0.0
	Pondy	348	0	7.0	7.3	-0.3	35	0.0
	ER	Bihar	4584	0	92.3	82.6	3.1	412
DVC		2686	170	63.7	-19.2	5.2	425	0.5
Jharkhand		1055	0	22.7	16.3	1.0	165	0.0
Odisha		4341	0	79.8	33.1	2.2	358	0.0
West Bengal		8450	0	151.7	53.0	3.3	402	0.0
Sikkim		98	0	1.2	1.3	-0.1	20	0.0
NER	Arunachal Pradesh	108	4	2.4	2.4	0.0	13	0.0
	Assam	1670	96	31.7	23.4	2.9	167	0.9
	Manipur	160	2	2.0	2.3	-0.3	23	0.1
	Meghalaya	246	0	5.3	-1.9	0.9	12	0.0
	Mizoram	81	1	1.3	1.3	-0.1	9	0.0
	Nagaland	112	2	2.0	1.8	0.0	18	0.0
	Tripura	266	0	5.4	4.1	0.9	43	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	23.5	-1.8	-15.1
Day peak (MW)	1107.5	-121.5	-685.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	173.9	-161.6	22.5	-30.1	-3.4	1.2
Actual(MU)	167.0	-157.1	13.3	-18.5	-1.1	3.6
O/D/U/D(MU)	-6.8	4.6	-9.2	11.6	2.3	2.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2125	15373	4560	2245	106	24409
State Sector	9505	16537	7792	6635	50	40519
Total	11630	31910	12352	8880	156	64928

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	624	1127	545	350	5	2651
Hydro	208	33	70	95	24	430
Nuclear	33	15	41	0	0	89
Gas, Naptha & Diesel	66	64	17	0	26	172
RES (Wind, Solar, Biomass & Others)	13	57	108	1	0	178
Total	944	1295	781	445	55	3520

*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 : 7-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	135	0.0	1.3	-1.3
2		SASARAM-FATEHPUR	S/C	0	0	5.7	0.0	5.7
3		GAYA-BALIA	S/C	0	276	0.0	4.4	-4.4
4	HVDC	ALIPURDUAR-AGRA	-	0	284	0.0	11.0	-11.0
5		PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0
6	400 KV	PUSAULI-VARANASI	S/C	0	236	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	88	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	575	0.0	8.4	-8.4
9		PATNA-BALIA	Q/C	0	821	0.0	13.8	-13.8
10		BIHARSHARIFF-BALIA	D/C	0	106	0.0	1.5	-1.5
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.1	0.0	4.1
12		BIHARSHARIFF-VARANASI	D/C	0	7	3.2	0.0	3.2
13	220 KV	PUSAULI-SAHUPURI	S/C	0	150	0.0	5.1	-5.1
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						13.7	51.5	-37.8
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	7.1	0.0	7.1
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	15.7	0.0	15.7
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	4.6	0.0	4.6
24		RANCHI-SIPAT	D/C	0	0	7.8	0.0	7.8
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	51	0.1	0.0	0.1
26		BUDHIPADAR-KORBA	D/C	0	0	2.1	0.0	2.1
ER-WR						42.2	3.2	39.0
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	201.1	0.0	6.9	-6.9
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1232.8	0.0	21.4	-21.4
30	400 KV	TALCHER-I/C	D/C	0.0	1037.3	0.0	9.0	-9.0
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	39.1	-39.1
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1400	0.0	7.3	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	1148	0.0	3.2	-3
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.9	-2
ER-NER						0.0	12.4	-12.4
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	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	1000	0.0	23.8	-23.8
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	1512	0.0	34.0	-34.0
39	765 KV	GWALIOR-AGRA	D/C	0	2422	0.0	47.2	-47.2
40		PHAGI-GWALIOR	D/C	0	1102	0.0	22.4	-22.4
41	400 KV	ZERDA-KANKROLI	S/C	277	0	3.9	0.0	3.9
42		ZERDA -BHINMAL	S/C	223	0	2.4	0.0	2.4
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	260	0	2	-2
45		BADOD-KOTA	S/C	15	0	0.0	0.0	0.0
46	220 KV	BADOD-MORAK	S/C	39	79	0.3	0.3	0.0
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						22.3	130.1	-107.8
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	400	0.0	7.7	-7.7
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	741	0	0.0	0.2	-0.2
53		WARDHA-NIZAMABAD	D/C	0	948	0.0	11.4	-11.4
54	400 KV	KOLHAPUR-KUDGI	D/C	552	0	10.3	0.0	10.3
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						12.3	19.3	-6.9
TRANSNATIONAL EXCHANGE								
58		BHUTAN						23.5
59		NEPAL						-1.8
60		BANGLADESH						-15.1