



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: 10th 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 09.10.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 09-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 09th 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

10-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	48905	46274	38461	18349	2578	154567
Peak Shortage (MW)	2474	75	0	0	131	2680
Energy Met (MU)	1086	1065	794	385	46	3376
Hydro Gen(MU)	196	20	99	88	22	425
Wind Gen(MU)	5	23	55	-----	-----	84
Solar Gen (MU)*	0.87	13.81	26.80	8.42	0.01	50
Energy Shortage (MU)	23.6	0.0	0.0	0.0	1.3	24.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	50527	46799	38228	18357	2697	155689

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	0.037	0.00	0.16	6.54	6.70	77.41	15.89

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	7709	0	164.8	44.1	-0.1	127	0.0
	Haryana	7133	0	151.7	85.2	2.3	226	1.7
	Rajasthan	9086	544	197.7	77.7	4.8	552	7.2
	Delhi	4493	0	95.8	69.2	-1.8	72	0.0
	UP	16310	0	370.1	180.3	1.7	713	4.7
	Uttarakhand	1832	0	36.6	11.9	0.1	213	0.0
	HP	1299	0	23.6	8.5	1.0	150	0.4
	J&K	2037	509	40.8	30.4	-0.7	184	9.7
WR	Chandigarh	234	0	4.7	5.1	-0.4	16	0.0
	Chhattisgarh	3474	0	79.4	19.2	-2.6	44	0.0
	Gujarat	17097	0	366.6	126.7	2.7	458	0.0
	MP	8466	0	188.8	121.5	-0.1	347	0.0
	Maharashtra	17554	0	390.7	143.0	-2.3	681	0.0
	Goa	510	0	10.0	9.2	0.4	79	0.0
	DD	334	0	7.4	6.8	0.6	61	0.0
	DNH	767	0	17.4	16.1	1.2	104	0.0
SR	Essar steel	250	0	4.6	4.7	0.0	140	0.0
	Andhra Pradesh	6776	0	146.2	31.2	5.8	474	0.0
	Telangana	6765	0	147.4	34.2	-1.5	367	0.0
	Karnataka	6905	0	139.6	41.6	-0.1	469	0.0
	Kerala	3490	0	67.2	45.4	0.9	217	0.0
	Tamil Nadu	13241	0	286.4	126.2	4.8	479	0.0
	Pondy	360	0	7.4	7.5	-0.1	30	0.0
	ER	Bihar	4693	0	85.6	80.9	-2.0	150
DVC		2667	0	66.3	-18.5	0.4	170	0.0
Jharkhand		1097	0	23.6	17.1	0.1	160	0.0
Odisha		4501	0	90.7	43.8	3.0	350	0.0
West Bengal		6328	0	117.6	32.1	-0.1	160	0.0
NER	Sikkim	100	0	1.4	1.2	0.2	10	0.0
	Arunachal Pradesh	112	4	2.5	2.4	0.1	8	0.1
	Assam	1652	88	28.6	23.5	-0.3	134	1.1
	Manipur	158	4	2.1	2.3	-0.2	33	0.0
	Meghalaya	253	0	5.2	-0.4	1.0	117	0.0
	Mizoram	76	4	1.3	1.2	0.0	15	0.0
	Nagaland	106	2	1.9	1.8	-0.1	19	0.0
Tripura	245	5	4.4	3.9	-0.3	56	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	24.4	-4.6	-12.4
Day peak (MW)	1062.9	-322.6	-666.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	182.2	-127.6	3.4	-50.9	-0.2	6.9
Actual(MU)	178.9	-125.7	3.5	-43.9	-1.5	11.3
O/D/U/D(MU)	-3.3	1.9	0.1	7.0	-1.3	4.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2386	14799	4520	1220	56	22981
State Sector	10165	16151	9332	6805	50	42503
Total	12551	30950	13852	8025	106	65484

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	618	1081	522	367	4	2592
Hydro	196	21	99	88	22	425
Nuclear	33	15	41	0	0	89
Gas, Naptha & Diesel	63	70	17	0	25	175
RES (Wind, Solar, Biomass & Others)	11	37	122	8	0	179
Total	921	1224	801	464	51	3461

*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 : 10-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	275	0.0	5.5	-5.5
2		SASARAM-FATEHPUR	S/C	0	7	3.6	0.0	3.6
3		GAYA-BALIA	S/C	0	319	0.0	5.7	-5.7
4	HVDC	ALIPURDUAR-AGRA	-	0	280	0.0	10.6	-10.6
5		PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0
6	400 KV	PUSAULI-VARANASI	S/C	0	224	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	103	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	830	0.0	13.4	-13.4
9		PATNA-BALIA	Q/C	0	1256	0.0	20.8	-20.8
10		BIHARSHARIFF-BALIA	D/C	0	261	0.0	4.2	-4.2
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.1	0.0	4.1
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.5	-0.5
13	220 KV	PUSAULI-SAHUPURI	S/C	0	235	0.0	4.9	-4.9
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.8	0.0	0.8
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						8.5	71.6	-63.0
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	114	5.6	0.0	5.6
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	8.0	0.0	8.0
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	24	1.8	0.0	1.8
21		JHARSUGUDA-RAIGARH	S/C	0	7	1.7	0.0	1.7
22		IBEUL-RAIGARH	S/C	0	0	1.7	0.0	1.7
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0
24		RANCHI-SIPAT	D/C	0	0	6.3	0.0	6.3
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	55	0.0	0.2	-0.2
26		BUDHIPADAR-KORBA	D/C	0	0	2.6	0.0	2.6
ER-WR						27.7	0.2	27.5
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	7.5	-7.5
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	149.3	0.0	7.4	-7.4
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	760.9	0.0	14.4	-14.4
30	400 KV	TALCHER-I/C	D/C	0.0	927.2	0.0	10.9	-10.9
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	29.2	-29.2
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1212	0.0	5.8	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	1003	0.0	1.4	-1
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.5	-2
ER-NER						0.0	8.7	-8.7
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	12.2	-12.2
NER-NR						0.0	12.2	-12.2
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	2000	0.0	31.6	-31.6
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	1412	0.0	33.9	-33.9
39	765 KV	GWALIOR-AGRA	D/C	0	2580	0.0	45.5	-45.5
40		PHAGI-GWALIOR	D/C	0	1154	0.0	21.6	-21.6
41	400 KV	ZERDA-KANKROLI	S/C	439	0	6.1	0.0	6.1
42		ZERDA -BHINMAL	S/C	343	0	4.3	0.0	4.3
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	336	0	3	-3
45		BADOD-KOTA	S/C	52	0	0.6	0.0	0.6
46	220 KV	BADOD-MORAK	S/C	32	34	0.2	0.1	0.1
47		MEHGAON-AURAIYA	S/C	187	0	2.4	0.0	2.4
48		MALANPUR-AURAIYA	S/C	111	0	1.6	0.0	1.6
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						27.3	135.4	-108.1
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	700	0.0	6.5	-6.5
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	863	690	6.7	0.0	6.7
53		WARDHA-NIZAMABAD	D/C	411	683	0.0	5.2	-5.2
54	400 KV	KOLHAPUR-KUDGI	D/C	692	0	12.9	0.0	12.9
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						21.6	11.7	9.9
TRANSNATIONAL EXCHANGE								
58		BHUTAN						24.4
59		NEPAL						-4.6
60		BANGLADESH						-12.4