



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: 09th 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 08.10.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 08-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 08th 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

9-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	47053	43912	34209	19548	2500	147222
Peak Shortage (MW)	877	0	0	0	165	1042
Energy Met (MU)	1066	1052	748	401	47	3314
Hydro Gen(MU)	201	16	75	93	22	405
Wind Gen(MU)	3	21	55	-----	-----	79
Solar Gen (MU)*	3.65	15.40	28.90	0.76	0.02	49
Energy Shortage (MU)	22.5	0.0	0.0	0.0	1.4	23.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49728	45341	34823	19821	2640	149997

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	0.035	0.00	0.00	8.48	8.48	79.31	12.21

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	7310	0	164.6	46.7	-0.5	90	0.0
	Haryana	7095	0	148.4	85.4	1.1	231	0.0
	Rajasthan	9223	0	200.9	76.5	2.2	396	3.8
	Delhi	4358	0	89.5	64.1	-0.8	168	0.0
	UP	16267	0	359.0	166.3	1.2	542	8.8
	Uttarakhand	1700	0	34.8	11.3	-0.7	57	0.0
	HP	1202	0	23.2	8.0	0.9	162	0.0
	J&K	2092	523	41.9	30.2	0.7	307	9.9
WR	Chandigarh	202	0	4.0	4.6	-0.6	0	0.0
	Chhattisgarh	3481	0	80.3	17.7	-0.6	192	0.0
	Gujarat	16349	0	360.1	102.5	2.9	746	0.0
	MP	8511	0	192.1	121.2	2.4	393	0.0
	Maharashtra	17169	0	382.1	142.8	0.6	395	0.0
	Goa	430	0	9.4	8.3	0.7	83	0.0
	DD	315	0	7.1	6.7	0.4	53	0.0
	DNH	745	0	16.8	15.8	1.0	84	0.0
SR	Essar steel	230	0	4.5	4.7	-0.3	111	0.0
	Andhra Pradesh	6531	0	141.2	39.0	0.7	567	0.0
	Telangana	6484	0	145.6	38.9	1.0	398	0.0
	Karnataka	6296	0	127.5	37.1	1.7	368	0.0
	Kerala	3122	0	61.2	44.1	0.8	161	0.0
	Tamil Nadu	12040	0	265.2	110.1	-4.2	628	0.0
	Pondy	317	0	6.8	7.2	-0.4	18	0.0
	ER	Bihar	4466	0	87.9	80.7	-0.3	265
DVC		2701	0	63.1	-13.9	3.0	300	0.0
Jharkhand		1105	0	23.2	16.4	0.5	156	0.0
Odisha		4889	0	88.9	43.1	1.9	270	0.0
West Bengal		7450	0	136.5	43.9	2.1	360	0.0
Sikkim		81	0	1.0	1.1	-0.1	20	0.0
NER	Arunachal Pradesh	117	1	2.3	2.4	-0.1	6	0.0
	Assam	1602	125	30.6	23.7	1.5	188	1.2
	Manipur	159	1	2.0	2.5	-0.4	14	0.0
	Meghalaya	220	0	4.6	0.1	0.3	55	0.0
	Mizoram	77	2	1.2	1.2	-0.1	7	0.0
	Nagaland	108	2	1.9	1.8	-0.1	16	0.0
	Tripura	251	1	4.5	4.0	0.2	55	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	25.6	-4.4	-14.6
Day peak (MW)	1079.8	-323.3	-654.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	165.4	-141.3	10.6	-33.8	0.6	1.4
Actual(MU)	159.3	-136.7	8.8	-25.2	0.4	6.6
O/D/U/D(MU)	-6.1	4.6	-1.8	8.7	-0.2	5.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2386	15819	4310	1220	56	23791
State Sector	9925	15461	8042	6515	50	39993
Total	12311	31280	12352	7735	106	63784

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	622	1173	497	353	5	2650
Hydro	201	16	75	93	22	406
Nuclear	33	15	42	0	0	89
Gas, Naptha & Diesel	61	70	16	0	25	173
RES (Wind, Solar, Biomass & Others)	11	37	122	1	0	171
Total	928	1311	752	447	51	3489

*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 : 9-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	138	0.0	2.3	-2.3
2		SASARAM-FATEHPUR	S/C	0	0	4.8	0.0	4.8
3		GAYA-BALIA	S/C	0	258	0.0	3.8	-3.8
4	HVDC	ALIPURDUAR-AGRA	-	0	281	0.0	12.0	-12.0
5		PUSAULI B/B	S/C	0	245	0.0	6.1	-6.1
6	400 KV	PUSAULI-VARANASI	S/C	0	225	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	89	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	595	0.0	9.9	-9.9
9		PATNA-BALIA	Q/C	0	868	0.0	13.2	-13.2
10		BIHARSHARIFF-BALIA	D/C	0	187	0.0	3.0	-3.0
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.0	0.0	4.0
12		BIHARSHARIFF-VARANASI	D/C	0	0	1.6	0.0	1.6
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	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						11.1	55.1	-43.9
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	6.9	0.0	6.9
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	35	11.2	0.0	11.2
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	27	2.7	0.0	2.7
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.2	0.0	2.2
22		IBEUL-RAIGARH	S/C	0	0	2.2	0.0	2.2
23		STERLITE-RAIGARH	D/C	0	0	0.1	0.0	0.1
24		RANCHI-SIPAT	D/C	0	0	6.6	0.0	6.6
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	29	0.0	0.0	0.0
26		BUDHIPADAR-KORBA	D/C	0	0	3.0	0.0	3.0
ER-WR						34.9	0.0	34.9
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	9.2	-9.2
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	152.0	0.0	7.4	-7.4
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1127.7	0.0	19.0	-19.0
30	400 KV	TALCHER-I/C	D/C	0.0	777.7	0.0	12.7	-12.7
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	35.6	-35.6
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1126	0.0	6.7	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	938	0.0	1.9	-2
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.8	-2
ER-NER						0.0	10.4	-10.4
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	501	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	1000	0.0	23.7	-23.7
37		V'CHAL B/B	D/C	500	0	9.5	0.0	9.5
38		APL -MHG	D/C	0	1412	0.0	33.9	-33.9
39	765 KV	GWALIOR-AGRA	D/C	0	2188	0.0	41.5	-41.5
40		PHAGI-GWALIOR	D/C	0	958	0.0	18.7	-18.7
41	400 KV	ZERDA-KANKROLI	S/C	330	0	4.7	0.0	4.7
42		ZERDA -BHINMAL	S/C	254	10	2.6	0.0	2.6
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	269	0	2	-2
45		BADOD-KOTA	S/C	49	0	0.8	0.0	0.8
46	220 KV	BADOD-MORAK	S/C	37	18	0.4	0.0	0.3
47		MEHGAON-AURAIYA	S/C	115	0	2.3	0.0	2.3
48		MALANPUR-AURAIYA	S/C	78	0	1.5	0.0	1.5
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						21.7	120.0	-98.4
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	400	0.0	9.3	-9.3
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	819	480	3.2	0.0	3.2
53		WARDHA-NIZAMABAD	D/C	0	817	0.0	10.5	-10.5
54	400 KV	KOLHAPUR-KUDGI	D/C	644	0	12.1	0.0	12.1
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						17.3	19.8	-2.5
TRANSNATIONAL EXCHANGE								
58		BHUTAN						25.6
59		NEPAL						-4.4
60		BANGLADESH						-14.6