



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: 05th 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 04.10.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 04-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 04th 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

5-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	47662	47792	37016	19670	2623	154762
Peak Shortage (MW)	3858	940	0	565	129	5491
Energy Met (MU)	1068	1097	803	392	48	3407
Hydro Gen(MU)	217	47	85	108	26	482
Wind Gen(MU)	6	23	48	-----	-----	77
Solar Gen (MU)*	4.18	15.24	25.60	0.93	0.02	46
Energy Shortage (MU)	87.0	19.6	0.0	1.7	1.2	109.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	50318	48171	37556	19402	2787	156815

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	0.075	0.00	1.60	23.01	24.61	71.12	4.27

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	7971	0	167.0	67.5	-2.2	122	0.0
	Haryana	7190	254	150.9	92.1	2.4	221	58.8
	Rajasthan	8949	759	199.6	83.1	2.5	293	18.0
	Delhi	4645	0	98.1	72.6	-0.3	231	0.0
	UP	16663	1230	343.2	136.0	1.8	933	0.0
	Uttarakhand	1777	150	38.2	12.9	-0.3	83	0.3
	HP	1294	0	25.3	8.4	0.6	134	0.1
	J&K	2049	512	41.2	29.9	-1.2	168	9.7
WR	Chandigarh	244	0	4.8	5.0	-0.2	34	0.0
	Chhattisgarh	3578	0	84.2	32.4	-0.6	98	0.0
	Gujarat	15731	0	355.9	89.3	-0.3	338	0.0
	MP	8656	0	188.5	120.4	0.4	417	0.0
	Maharashtra	20740	1062	427.9	142.6	4.6	624	19.6
	Goa	415	0	9.0	8.7	0.0	39	0.0
	DD	341	0	7.6	6.6	1.0	92	0.0
	DNH	761	0	17.5	16.2	1.3	101	0.0
SR	Essar steel	326	0	6.0	6.0	0.0	123	0.0
	Andhra Pradesh	6693	0	143.0	40.3	-0.2	516	0.0
	Telangana	7058	0	158.3	64.4	2.2	399	0.0
	Karnataka	6997	0	141.0	48.4	1.5	382	0.0
	Kerala	3485	0	67.3	41.0	0.9	195	0.0
	Tamil Nadu	13455	0	286.4	135.5	0.9	524	0.0
	Pondy	329	0	6.6	7.0	-0.4	48	0.0
	ER	Bihar	4570	0	84.5	76.7	0.6	200
DVC		2339	0	60.2	-17.1	4.2	220	0.5
Jharkhand		1087	0	23.8	16.3	0.4	80	0.3
Odisha		4298	0	81.8	32.0	-1.2	225	0.6
West Bengal		8000	0	140.2	43.0	0.5	250	0.1
Sikkim		94	0	1.2	1.2	0.0	10	0.0
NER	Arunachal Pradesh	115	0	2.1	2.7	-0.5	13	0.0
	Assam	1662	77	29.0	20.8	3.0	125	1.1
	Manipur	147	1	2.0	2.3	-0.2	11	0.0
	Meghalaya	266	0	6.3	-1.7	1.0	12	0.0
	Mizoram	83	1	1.3	1.2	0.0	9	0.0
	Nagaland	110	1	1.9	1.8	0.0	18	0.0
	Tripura	289	0	4.9	3.9	0.9	56	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	28.8	-4.4	-15.0
Day peak (MW)	1192.2	-227.7	-662.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	168.1	-152.0	34.2	-43.0	-5.9	1.4
Actual(MU)	160.2	-159.6	30.0	-33.7	-3.6	-6.6
O/D/U/D(MU)	-7.9	-7.5	-4.2	9.3	2.3	-8.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2125	15064	4770	2245	56	24260
State Sector	9705	16328	10312	5965	50	42360
Total	11830	31392	15082	8210	106	66620

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	606	1114	521	339	5	2585
Hydro	217	47	85	108	26	482
Nuclear	32	16	39	0	0	87
Gas, Naptha & Diesel	64	72	18	0	25	179
RES (Wind, Solar, Biomass & Others)	16	38	112	1	0	168
Total	936	1287	775	447	55	3501

*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 : 5-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	152	0.0	3.1	-3.1
2		SASARAM-FATEHPUR	S/C	0	0	4.8	0.0	4.8
3		GAYA-BALIA	S/C	0	251	0.0	3.7	-3.7
4	HVDC	ALIPURDUAR-AGRA	-	0	283	0.0	11.8	-11.8
5		PUSAULI B/B	S/C	0	248	0.0	5.9	-5.9
6	400 KV	PUSAULI-VARANASI	S/C	0	245	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	82	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	614	0.0	10.2	-10.2
9		PATNA-BALIA	Q/C	0	883	0.0	15.4	-15.4
10		BIHARSHARIFF-BALIA	D/C	0	153	0.0	2.1	-2.1
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.9	0.0	3.9
12		BIHARSHARIFF-VARANASI	D/C	0	3	1.9	0.0	1.9
13	220 KV	PUSAULI-SAHUPURI	S/C	0	242	0.0	4.8	-4.8
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.9	0.0	0.9
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						11.5	57.0	-45.4
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	17	4.6	0.0	4.6
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	11.6	0.0	11.6
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	0.0	2.3	-2.3
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.9	0.0	1.9
22		IBEUL-RAIGARH	S/C	0	0	1.8	0.0	1.8
23		STERLITE-RAIGARH	D/C	0	0	4.1	0.0	4.1
24		RANCHI-SIPAT	D/C	0	0	6.3	0.0	6.3
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	66	0.0	0.6	-0.6
26		BUDHIPADAR-KORBA	D/C	0	0	1.4	0.0	1.4
ER-WR						31.7	2.9	28.8
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	17.0	-17.0
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	252.0	0.0	9.1	-9.1
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	539.9	0.0	12.0	-12.0
30	400 KV	TALCHER-I/C	D/C	0.0	1059.9	0.0	12.9	-12.9
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	38.1	-38.1
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1400	0.0	7.0	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	1148	0.0	2.4	-2
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.9	-2
ER-NER						0.0	11.2	-11.2
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.8	-16.8
NER-NR						0.0	16.8	-16.8
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	13.7	-13.7
37		V'CHAL B/B	D/C	500	0	12.1	0.0	12.1
38		APL -MHG	D/C	0	1211	0.0	29.0	-29.0
39	765 KV	GWALIOR-AGRA	D/C	0	2522	0.0	43.0	-43.0
40		PHAGI-GWALIOR	D/C	0	1314	0.0	25.3	-25.3
41	400 KV	ZERDA-KANKROLI	S/C	166	23	1.7	0.0	1.7
42		ZERDA -BHINMAL	S/C	118	58	0.6	0.0	0.6
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	289	0	2	-2
45	220 KV	BADOD-KOTA	S/C	51	8	0.6	0.0	0.6
46		BADOD-MORAK	S/C	27	48	0.2	0.2	-0.1
47		MEHGAON-AURAIYA	S/C	130	0	2.2	0.0	2.2
48		MALANPUR-AURAIYA	S/C	92	0	1.5	0.0	1.5
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						18.7	113.6	-94.9
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	800	0.0	16.2	-16.2
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	175	831	1.6	5.1	-3.5
53		WARDHA-NIZAMABAD	D/C	0	803	0.0	11.3	-11.3
54	400 KV	KOLHAPUR-KUDGI	D/C	523	0	0.0	0.0	0.0
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						3.6	32.5	-28.9
TRANSNATIONAL EXCHANGE								
58		BHUTAN						28.8
59		NEPAL						-4.4
60		BANGLADESH						-15.0