



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: 14th 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 13.10.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 13-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 13th 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

14-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	47304	46666	37076	20428	2648	154122
Peak Shortage (MW)	1704	133	76	1224	145	3282
Energy Met (MU)	1040	1063	786	420	48	3357
Hydro Gen(MU)	178	22	109	98	22	428
Wind Gen(MU)	4	6	31	-----	-----	40
Solar Gen (MU)*	3.55	11.87	25.10	1.78	0.02	42
Energy Shortage (MU)	25.1	0.0	0.0	3.7	1.4	30.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	48601	47311	37425	20485	2752	155446

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	0.070	0.30	2.20	18.55	21.05	76.39	2.56

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	6846	0	144.3	50.9	-0.1	121	0.0
	Haryana	7186	0	147.5	88.8	2.4	299	0.1
	Rajasthan	9551	316	201.4	72.8	4.8	416	3.0
	Delhi	4441	0	93.8	70.3	-1.9	58	0.0
	UP	15338	-200	347.5	166.7	0.7	231	12.4
	Uttarakhand	1858	0	35.5	12.8	0.1	132	0.0
	HP	1343	0	25.0	11.5	1.2	142	0.0
	J&K	1993	498	40.5	30.4	-0.5	141	9.6
WR	Chandigarh	226	0	4.5	4.9	-0.3	8	0.0
	Chhattisgarh	3832	0	84.4	20.2	-0.6	239	0.0
	Gujarat	15927	0	349.5	119.8	1.6	668	0.0
	MP	9182	0	200.5	127.8	4.0	628	0.0
	Maharashtra	17598	0	386.1	133.6	-6.8	469	0.0
	Goa	454	0	9.9	9.4	0.5	84	0.0
	DD	340	0	7.6	6.7	0.9	95	0.0
	DNH	758	0	17.1	16.2	1.0	120	0.0
SR	Essar steel	379	0	7.6	7.6	0.0	154	0.0
	Andhra Pradesh	6844	0	145.2	34.1	0.6	643	0.0
	Telangana	7025	0	147.8	35.9	-2.4	492	0.0
	Karnataka	7096	0	141.8	29.6	4.2	519	0.0
	Kerala	3353	0	66.0	46.2	1.0	291	0.0
	Tamil Nadu	12886	0	278.0	139.6	-2.2	682	0.0
	Pondy	335	0	7.0	7.4	-0.4	30	0.0
	ER	Bihar	4605	0	83.8	76.1	1.2	220
DVC		2806	0	64.1	-11.4	3.3	225	1.1
Jharkhand		1139	0	23.2	15.0	0.7	80	0.2
Odisha		4371	0	91.2	33.5	3.8	300	0.9
West Bengal		8184	0	156.5	55.9	1.7	250	0.0
Sikkim		93	0	1.2	0.8	0.4	15	0.0
NER	Arunachal Pradesh	114	2	2.3	2.2	0.1	7	0.0
	Assam	1688	115	30.5	23.6	1.4	141	1.2
	Manipur	164	1	2.1	2.3	-0.1	20	0.1
	Meghalaya	245	0	4.4	-0.9	0.6	126	0.0
	Mizoram	84	2	1.3	1.2	0.0	15	0.0
	Nagaland	107	3	2.7	1.7	0.4	23	0.0
	Tripura	268	0	4.7	3.9	0.2	90	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	26.3	-5.6	-7.2
Day peak (MW)	1067.0	-257.3	-399.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	194.0	-158.9	-0.1	-33.7	-0.1	1.2
Actual(MU)	190.9	-164.8	-10.0	-20.0	0.9	-3.0
O/D/U/D(MU)	-3.2	-5.9	-9.9	13.8	1.0	-4.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2354	14878	4610	1720	121	23683
State Sector	11550	15757	8402	7305	50	43064
Total	13904	30635	13012	9025	170	66747

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	585	1130	541	355	5	2616
Hydro	178	22	109	98	22	428
Nuclear	32	16	42	0	0	90
Gas, Naptha & Diesel	65	74	17	0	24	180
RES (Wind, Solar, Biomass & Others)	11	18	94	2	0	125
Total	872	1260	802	454	51	3440

*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 : 14-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	161	0.0	3.3	-3.3
2		SASARAM-FATEHPUR	S/C	0	0	4.1	0.0	4.1
3		GAYA-BALIA	S/C	0	284	0.0	5.0	-5.0
4	HVDC	ALIPURDUAR-AGRA	-	0	283	0.0	10.1	-10.1
5		PUSAULI B/B	S/C	0	249	0.0	5.9	-5.9
6	400 KV	PUSAULI-VARANASI	S/C	0	255	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	65	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	599	0.0	8.7	-8.7
9		PATNA-BALIA	Q/C	0	913	0.0	16.2	-16.2
10		BIHARSHARIFF-BALIA	D/C	0	204	0.0	2.0	-2.0
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.6	0.0	3.6
12		BIHARSHARIFF-VARANASI	D/C	0	192	1.3	0.0	1.3
13	220 KV	PUSAULI-SAHUPURI	S/C	0	214	0.0	3.8	-3.8
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5
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						9.5	54.9	-45.4
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	8.0	0.0	8.0
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	13.8	0.0	13.8
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	0.0	3.4	-3.4
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.0	0.0	2.0
22		IBEUL-RAIGARH	S/C	0	0	1.9	0.0	1.9
23		STERLITE-RAIGARH	D/C	0	0	6.8	0.0	6.8
24		RANCHI-SIPAT	D/C	0	1	8.2	0.0	8.2
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	89	0.0	0.6	-0.6
26		BUDHIPADAR-KORBA	D/C	0	0	2.2	0.0	2.2
ER-WR						42.9	4.0	38.9
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	10.4	-10.4
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	176.6	0.0	8.7	-8.7
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	826.3	0.0	12.6	-12.6
30	400 KV	TALCHER-I/C	D/C	0.0	1081.2	0.0	15.9	-15.9
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	31.6	-31.6
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1294	0.0	8.0	-8
33		ALIPURDUAR-BONGAIGAON	D/C	0	1055	0.0	4.1	-4
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.0	-2
ER-NER						0.0	14.1	-14.1
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	15.8	-15.8
NER-NR						0.0	15.8	-15.8
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	2500	0.0	53.2	-53.2
37		V'CHAL B/B	D/C	500	0	11.4	0.0	11.4
38		APL -MHG	D/C	0	1512	0.0	31.6	-31.6
39	765 KV	GWALIOR-AGRA	D/C	0	2500	0.0	48.5	-48.5
40		PHAGI-GWALIOR	D/C	0	1160	0.0	21.3	-21.3
41	400 KV	ZERDA-KANKROLI	S/C	374	0	5.8	0.0	5.8
42		ZERDA -BHINMAL	S/C	238	0	2.9	0.0	2.9
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	224	0	2	-2
45		BADOD-KOTA	S/C	85	0	1.5	0.0	1.5
46	220 KV	BADOD-MORAK	S/C	63	0	0.9	0.0	0.9
47		MEHGAON-AURAIYA	S/C	132	0	2.2	0.0	2.2
48		MALANPUR-AURAIYA	S/C	91	0	1.4	0.0	1.4
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						26.0	156.6	-130.6
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	800	0	13.1	0.0	13.1
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	484	784	2.2	0.0	2.2
53		WARDHA-NIZAMABAD	D/C	0	1526	0.0	13.9	-13.9
54	400 KV	KOLHAPUR-KUDGI	D/C	788	0	9.4	0.0	9.4
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						26.7	13.9	12.8
TRANSNATIONAL EXCHANGE								
58		BHUTAN						26.3
59		NEPAL						-5.6
60		BANGLADESH						-7.2