



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: 24th 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 23.10.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 23-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 23rd 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

24-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	42847	43293	38183	20670	2393	147385
Peak Shortage (MW)	1214	67	15	430	121	1846
Energy Met (MU)	917	1010	835	394	39	3195
Hydro Gen(MU)	148	18	89	74	25	354
Wind Gen(MU)	6	46	36	-----	-----	88
Solar Gen (MU)*	1.27	16.56	28.90	0.70	0.03	47
Energy Shortage (MU)	14.0	0.0	0.0	1.3	1.1	16.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44122	43807	38711	20549	2389	148555

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	0.054	0.00	0.35	17.20	17.55	78.13	4.33

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	5292	0	112.7	48.5	0.6	172	0.0
	Haryana	6496	0	128.8	85.0	1.9	256	0.0
	Rajasthan	9749	0	190.4	63.8	1.3	665	0.0
	Delhi	3823	0	78.7	66.9	-1.6	32	0.0
	UP	14129	0	309.2	122.4	1.6	253	5.0
	Uttarakhand	1668	0	31.9	12.4	-1.4	183	0.0
	HP	1332	0	24.0	13.6	0.7	115	0.0
	J&K	1870	468	38.2	31.3	-1.1	157	9.1
WR	Chandigarh	188	0	3.5	4.1	-0.5	6	0.0
	Chhattisgarh	3443	0	77.7	26.3	1.5	122	0.0
	Gujarat	12029	0	271.4	61.8	-1.2	326	0.0
	MP	9822	0	216.8	140.9	1.8	464	0.0
	Maharashtra	18534	0	401.3	133.7	-0.2	456	0.0
	Goa	436	0	9.3	9.4	-0.1	32	0.0
	DD	310	0	6.8	5.9	0.9	90	0.0
	DNH	740	0	16.4	15.5	1.0	110	0.0
SR	Essar steel	494	0	9.8	10.0	-0.2	186	0.0
	Andhra Pradesh	7659	0	162.5	66.2	2.8	520	0.0
	Telangana	7538	0	162.2	53.2	0.6	381	0.0
	Karnataka	7833	0	153.2	59.9	1.4	387	0.0
	Kerala	3441	0	65.9	49.7	0.7	171	0.0
	Tamil Nadu	13268	0	284.7	139.3	4.2	656	0.0
	Pondy	334	0	6.9	7.3	-0.4	40	0.0
	ER	Bihar	4398	200	79.4	70.8	0.4	356
DVC		2825	80	64.8	-16.9	4.0	485	0.2
Jharkhand		1170	0	23.6	14.3	-0.9	125	0.0
Odisha		4937	0	87.5	40.7	2.7	402	0.5
West Bengal		7784	0	137.6	39.7	5.6	445	0.0
Sikkim		91	0	1.2	1.6	-0.4	20	0.0
NER	Arunachal Pradesh	117	7	2.2	2.7	-0.5	7	0.0
	Assam	1490	79	22.2	18.9	-1.0	141	0.9
	Manipur	138	11	2.3	2.6	-0.3	20	0.0
	Meghalaya	280	2	5.2	-0.9	-0.7	126	0.0
	Mizoram	80	5	1.2	1.4	-0.2	15	0.0
	Nagaland	109	8	2.2	1.9	-0.3	23	0.0
	Tripura	230	3	3.5	3.1	0.0	90	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	17.1	-1.6	-14.5
Day peak (MW)	766.3	-220.2	-657.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	175.9	-170.8	45.6	-46.3	-4.6	-0.3
Actual(MU)	170.8	-172.0	49.4	-34.0	-10.5	3.7
O/D/U/D(MU)	-5.1	-1.1	3.8	12.3	-5.9	4.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2965	14184	4810	2040	91	24090
State Sector	10090	18883	10242	7495	50	46760
Total	13055	33067	15052	9535	140	70850

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	540	1077	540	375	4	2536
Hydro	148	18	89	74	25	354
Nuclear	33	16	44	0	0	93
Gas, Naptha & Diesel	39	53	18	0	24	133
RES (Wind, Solar, Biomass & Others)	11	63	98	1	0	172
Total	771	1227	788	450	53	3289

*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 : 24-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	218	0.0	4.6	-4.6
2		SASARAM-FATEHPUR	S/C	0	89	1.6	0.0	1.6
3		GAYA-BALIA	S/C	0	250	0.0	4.3	-4.3
4	HVDC	ALIPURDUAR-AGRA	-	0	288	0.0	11.8	-11.8
5		PUSAULI B/B	S/C	0	95	0.0	2.4	-2.4
6	400 KV	PUSAULI-VARANASI	S/C	0	142	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	34	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	663	0.0	10.7	-10.7
9		PATNA-BALIA	Q/C	0	1171	0.0	21.1	-21.1
10		BIHARSHARIFF-BALIA	D/C	0	208	0.0	3.1	-3.1
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.3	0.0	4.3
12		BIHARSHARIFF-VARANASI	D/C	0	105	0.2	0.0	0.2
13	220 KV	PUSAULI-SAHUPURI	S/C	0	151	0.0	3.0	-3.0
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						6.6	60.9	-54.3
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	11.9	0.0	11.9
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	8.9	0.0	8.9
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	3.5	0.0	3.5
21		JHARSUGUDA-RAIGARH	S/C	0	0	3.1	0.0	3.1
22		IBEUL-RAIGARH	S/C	0	0	3.1	0.0	3.1
23		STERLITE-RAIGARH	D/C	0	0	1.6	0.0	1.6
24		RANCHI-SIPAT	D/C	0	0	7.4	0.0	7.4
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	52	0.1	0.0	0.1
26		BUDHIPADAR-KORBA	D/C	0	0	2.0	0.0	2.0
ER-WR						41.6	0.0	41.6
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	17.1	-17.1
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	254.3	0.0	12.3	-12.3
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1524.6	0.0	31.5	-31.5
30	400 KV	TALCHER-I/C	D/C	0.0	1058.9	1.4	6.9	-5.5
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	60.9	-60.9
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1433	0.0	5.4	-5
33		ALIPURDUAR-BONGAIGAON	D/C	0	1177	0.2	0.0	0
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	1.2	0.0	1
ER-NER						1.4	5.4	-4.1
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	17.0	-17.0
NER-NR						0.0	17.0	-17.0
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	900	0.0	13.5	-13.5
37		V'CHAL B/B	D/C	500	0	9.8	0.0	9.8
38		APL -MHG	D/C	0	1613	0.0	34.6	-34.6
39	765 KV	GWALIOR-AGRA	D/C	0	2362	0.0	45.1	-45.1
40		PHAGI-GWALIOR	D/C	0	1114	0.0	20.0	-20.0
41	400 KV	ZERDA-KANKROLI	S/C	146	0	2.0	0.0	2.0
42		ZERDA -BHINMAL	S/C	159	131	0.1	0.0	0.1
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	336	0	1	-1
45		BADOD-KOTA	S/C	98	0	1.3	0.0	1.3
46	220 KV	BADOD-MORAK	S/C	37	43	0.1	0.2	-0.1
47		MEHGAON-AURAIYA	S/C	92	0	1.1	0.0	1.1
48		MALANPUR-AURAIYA	S/C	55	2	0.4	0.0	0.4
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						14.9	114.5	-99.6
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	300	0.0	7.2	-7.2
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	71	1428	0.0	12.8	-12.8
53		WARDHA-NIZAMABAD	D/C	0	1600	0.0	25.2	-25.2
54	400 KV	KOLHAPUR-KUDGI	D/C	488	0	9.0	0.0	9.0
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						11.0	45.1	-34.1
TRANSNATIONAL EXCHANGE								
58		BHUTAN						17.1
59		NEPAL						-1.6
60		BANGLADESH						-14.5