



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: 13th 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., डोंगतेह, 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 12.10.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 12-अक्टूबर-2017 की अखिल भारतीय प्रणाली के 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 12th October 2017, is available at the NLDC website.

धन्यवाद,



**पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली**

Report for previous day

Date of Reporting

13-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	47168	46666	36872	20356	2637	153699
Peak Shortage (MW)	2397	78	0	994	154	3623
Energy Met (MU)	1052	1052	785	409	50	3348
Hydro Gen(MU)	179	21	106	99	21	426
Wind Gen(MU)	4	8	19	-----	-----	31
Solar Gen (MU)*	0.67	8.52	24.10	1.64	0.02	35
Energy Shortage (MU)	36.1	0.0	0.0	3.0	1.1	40.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	48892	46927	36961	20488	2769	154830

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	0.053	0.00	0.63	15.57	16.19	76.99	6.82

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	6970	0	151.5	53.8	0.4	166	0.0
	Haryana	7141	25	151.1	85.8	2.1	222	0.0
	Rajasthan	10182	0	204.5	82.2	1.0	369	0.4
	Delhi	4510	0	96.2	71.1	-1.5	120	0.0
	UP	15028	2085	338.9	158.8	1.9	536	25.3
	Uttarakhand	1859	0	36.1	12.9	0.4	92	0.0
	HP	1336	0	25.3	12.1	1.0	119	0.1
	J&K	2190	547	43.8	30.2	3.0	454	10.3
	Chandigarh	222	0	4.6	4.9	-0.3	16	0.0
	Chhattisgarh	3715	0	82.2	18.7	-1.8	174	0.0
WR	Gujarat	15304	0	344.0	118.2	2.0	797	0.0
	MP	9121	0	196.2	125.9	3.6	716	0.0
	Maharashtra	18204	0	389.1	133.5	-5.3	281	0.0
	Goa	454	0	9.9	9.9	0.1	77	0.0
	DD	337	0	7.7	6.5	1.1	93	0.0
	DNH	754	0	17.1	16.1	1.0	153	0.0
	Essar steel	328	0	5.9	6.0	-0.1	341	0.0
	Andhra Pradesh	6785	0	142.6	31.2	-1.9	659	0.0
	Telangana	6883	0	148.4	33.6	-5.6	340	0.0
	Karnataka	7157	0	138.4	41.6	1.4	519	0.0
SR	Kerala	3365	0	66.9	48.5	0.9	212	0.0
	Tamil Nadu	13129	0	281.3	149.4	0.5	813	0.0
	Pondy	345	0	7.3	7.5	-0.2	26	0.0
	Bihar	4454	0	81.5	73.8	0.3	200	0.0
	DVC	2829	0	66.0	-14.2	2.3	225	1.1
	Jharkhand	1071	0	23.5	15.8	1.2	85	0.3
	Odisha	4415	0	86.8	37.1	1.7	300	0.9
	West Bengal	8299	0	149.7	51.9	2.3	350	0.7
	Sikkim	91	0	1.2	1.1	0.1	12	0.0
	Assam	111	1	2.4	2.3	0.1	7	0.0
NER	Assam	1682	134	32.7	24.5	2.7	141	1.0
	Manipur	154	1	2.2	2.4	-0.2	20	0.0
	Meghalaya	242	0	4.5	0.6	0.0	126	0.0
	Mizoram	82	0	1.3	1.2	0.1	15	0.0
	Nagaland	108	1	2.5	1.7	0.4	23	0.0
	Tripura	274	0	4.9	3.6	0.8	90	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	27.0	-5.4	-12.7
Day peak (MW)	1108.7	-259.3	-665.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	201.1	-158.4	3.1	-47.6	2.1	0.3
Actual(MU)	190.7	-158.3	-8.4	-36.1	4.6	-7.4
O/D/U/D(MU)	-10.3	0.1	-11.5	11.5	2.5	-7.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2094	15018	3600	1880	56	22648
State Sector	10890	15921	9062	7305	50	43228
Total	12984	30939	12662	9185	106	65876

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	594	1125	552	369	4	2644
Hydro	179	21	106	99	21	426
Nuclear	32	16	41	0	0	89
Gas, Naptha & Diesel	63	66	17	0	25	171
RES (Wind, Solar, Biomass & Others)	9	16	82	2	0	109
Total	877	1244	799	470	50	3439

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(परिषद्)/ओ एम/निदेशक(ओ एम)/मुख्य अभियंता.के०वि०प्रा०(ग्रिड)०/मुख्य कार्यपालक अधिकारी(पोसोके)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 13-Oct-17
								Import-(+ve) /Export =(-ve) for NET (MU)
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
Import/Export of ER (With NR)								
1	765KV	GAYA-VARANASI	D/C	0	197	0.0	5.2	-5.2
2		SASARAM-FATEHPUR	S/C	0	9	2.8	0.0	2.8
3		GAYA-BALIA	S/C	0	322	0.0	5.0	-5.0
4	HVDC	ALIPURDUAR-AGRA	-	0	177	0.0	7.4	-7.4
5		PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0
6	400 KV	PUSAULI-VARANASI	S/C	0	243	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	88	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	620	0.0	10.6	-10.6
9		PATNA-BALIA	Q/C	0	906	0.0	17.6	-17.6
10		BIHARSHARIFF-BALIA	D/C	0	214	0.0	3.0	-3.0
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.7	0.0	3.7
12	BIHARSHARIFF-VARANASI	D/C	0	8	0.3	0.0	0.3	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	199	0.0	3.5	-3.5
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						7.3	58.4	-51.1
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	6.4	0.0	6.4
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	11.4	0.0	11.4
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	17	0.0	2.0	-2.0
21		JHARSUGUDA-RAIGARH	S/C	0	38	1.3	0.0	1.3
22		IBEUL-RAIGARH	S/C	0	0	1.2	0.0	1.2
23		STERLITE-RAIGARH	D/C	0	0	5.3	0.0	5.3
24		RANCHI-SIPAT	D/C	0	0	7.6	0.0	7.6
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	99	0.0	1.1	-1.1
26		BUDHIPADAR-KORBA	D/C	0	0	1.9	0.0	1.9
ER-WR						35.1	3.1	32.0
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	10.7	-10.7
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	336.1	0.0	10.1	-10.1
29		TALCHER-KOLAR BIPOLE	D/C	0.0	1026.8	0.0	10.6	-10.6
30	400 KV	TALCHER-I/C	D/C	0.0	1061.0	0.0	19.6	-19.6
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	31.4	-31.4
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1207	0.0	8.9	-9
33		ALIPURDUAR-BONGAIGAON	D/C	0	982	0.0	6.6	-7
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.5	-2
ER-NER						0.0	18.0	-18.0
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	15.4	-15.4
NER-NR						0.0	15.4	-15.4
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	2000	0.0	44.0	-44.0
37		VCHAL B/B	D/C	500	50	6.7	0.1	6.6
38		APL -MHG	D/C	0	2015	0.0	40.3	-40.3
39	765 KV	GWALIOR-AGRA	D/C	0	2874	0.0	44.9	-44.9
40		PHAGI-GWALIOR	D/C	0	1234	0.0	21.4	-21.4
41	400 KV	ZERDA-KANKROLI	S/C	447	0	6.4	0.0	6.4
42		ZERDA -BHINMAL	S/C	372	0	4.7	0.0	4.7
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	333	0	2	-2
45	220 KV	BADOD-KOTA	S/C	96	0	1.4	0.0	1.4
46		BADOD-MORAK	S/C	64	0	0.8	0.0	0.8
47		MEHGAON-AURAIYA	S/C	196	0	3.4	0.0	3.4
48		MALANPUR-AURAIYA	S/C	100	0	1.1	0.0	1.1
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						24.6	152.9	-128.3
Import/Export of WR (With SR)								
50	HVDC LINK	BHADRAWATI B/B	-	400	100	0.5	2.3	-1.9
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	865	858	0.0	0.3	-0.3
53		WARDHA-NIZAMABAD	D/C	0	766	0.0	6.1	-6.1
54	400 KV	KOLHAPUR-KUDGI	D/C	788	0	13.4	0.0	13.4
55		KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
56	220 KV	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						15.9	8.7	7.2
TRANSNATIONAL EXCHANGE								
58		BHUTAN						27.0
59		NEPAL						-5.4
60		BANGLADESH						-12.7