



National Load Despatch Centre

राष्ट्रीय भार प्रेषण केंद्र

POWER SYSTEM OPERATION CORPORATION LIMITED

पाँवर 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: 20th 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 19.10.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार,दिनांक 19-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 19th 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

20-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	43548	38017	33495	19852	2613	137526
Peak Shortage (MW)	559	0	0	0	53	612
Energy Met (MU)	948	975	718	392	48	3080
Hydro Gen(MU)	155	16	88	66	18	343
Wind Gen(MU)	6	36	46	-----	-----	88
Solar Gen (MU)*	3.69	15.47	33.80	0.55	0.01	54
Energy Shortage (MU)	9.6	0.0	0.0	0.0	0.5	10.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44626	40975	33997	20003	2615	138746

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	0.029	0.00	0.00	1.98	1.98	72.78	25.24

C. Power Supply Position in States

RegionRegion	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	5672	0	117.0	50.8	-1.8	85	0.0
	Haryana	5716	0	123.3	78.5	2.1	243	0.0
	Rajasthan	9385	0	185.0	57.6	1.4	478	0.0
	Delhi	3504	0	72.0	58.5	-2.5	145	0.0
	UP	17673	0	363.1	174.3	-0.9	585	0.0
	Uttarakhand	1439	0	27.6	9.8	-1.8	35	0.0
	HP	920	0	16.9	6.0	-0.5	183	0.0
	J&K	1936	484	40.3	34.2	-1.4	117	9.5
	Chandigarh	160	0	3.1	4.2	-1.2	0	0.0
WR	Chhattisgarh	3358	0	77.5	17.5	-2.4	136	0.0
	Gujarat	12204	0	268.3	61.7	-0.4	647	0.0
	MP	9390	0	249.0	139.2	1.8	466	0.0
	Maharashtra	15435	0	346.0	101.3	0.9	564	0.0
	Goa	399	0	8.3	8.4	0.0	50	0.0
	DD	266	0	4.2	3.5	0.7	51	0.0
	DNH	709	0	11.6	11.6	0.0	76	0.0
	Essar steel	482	0	9.8	9.5	0.3	224	0.0
	SR	Andhra Pradesh	6316	0	139.3	39.6	-2.0	722
Telangana		6536	0	149.4	49.0	-0.3	575	0.0
Karnataka		6756	0	137.4	50.8	2.2	625	0.0
Kerala		3465	0	64.8	48.0	0.7	205	0.0
Tamil Nadu		11092	0	220.8	99.3	1.1	443	0.0
Pondy		302	0	5.9	6.4	-0.5	24	0.0
ER	Bihar	4620	0	86.2	75.4	0.7	356	0.0
	DVC	2989	0	66.2	-18.8	1.6	250	0.0
	Jharkhand	1170	0	24.2	13.5	0.9	120	0.0
	Odisha	3822	0	79.7	40.0	1.2	450	0.0
	West Bengal	7689	0	134.8	44.1	1.7	520	0.0
	Sikkim	76	0	0.9	0.9	-0.1	25	0.0
NER	Arunachal Pradesh	107	1	2.5	2.2	0.3	7	0.0
	Assam	1690	13	29.9	23.1	1.5	141	0.3
	Manipur	142	3	2.1	2.3	-0.2	20	0.0
	Meghalaya	253	0	4.7	1.0	0.5	126	0.0
	Mizoram	79	1	1.3	1.3	-0.1	15	0.0
	Nagaland	104	1	2.4	1.8	0.0	23	0.0
	Tripura	270	1	4.6	3.4	-0.2	90	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	17.9	-2.5	-14.2
Day peak (MW)	743.4	-314.4	-631.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	211.4	-220.3	40.4	-33.7	2.2	0.1
Actual(MU)	191.0	-211.8	34.2	-25.6	6.5	-5.7
O/D/U/D(MU)	-20.4	8.5	-6.2	8.1	4.3	-5.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2976	14571	4060	1490	80	23177
State Sector	10980	17766	12422	6315	50	47533
Total	13956	32337	16482	7805	129	70710

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	528	1104	424	369	6	2431
Hydro	155	15	88	66	18	342
Nuclear	33	16	37	0	0	86
Gas, Naptha & Diesel	48	53	18	0	25	143
RES (Wind, Solar, Biomass & Others)	14	51	115	1	0	181
Total	777	1239	683	436	49	3184

*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(प्रि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्र० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 20-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	143	0.0	2.8	-2.8
2		SASARAM-FATEHPUR	S/C	0	0	4.3	0.0	4.3
3		GAYA-BALIA	S/C	0	296	0.0	5.0	-5.0
4	HVDC	ALIPURDUAR-AGRA	-	0	287	0.0	11.4	-11.4
5		PUSAULI B/B	S/C	0	97	0.0	2.3	-2.3
6	400 KV	PUSAULI-VARANASI	S/C	0	138	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	14	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	622	0.0	8.4	-8.4
9		PATNA-BALIA	Q/C	0	988	0.0	16.6	-16.6
10		BIHARSHARIFF-BALIA	D/C	0	145	0.0	2.4	-2.4
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.9	0.0	3.9
12	BIHARSHARIFF-VARANASI	D/C	0	170	1.9	0.0	1.9	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	217	0.0	4.1	-4.1
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						10.6	53.0	-42.4
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	14.4	0.0	14.4
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	4.2	-4.2
21		JHARSUGUDA-RAIGARH	S/C	0	0	3.4	0.0	3.4
22		IBEUL-RAIGARH	S/C	0	0	3.5	0.0	3.5
23		STERLITE-RAIGARH	D/C	0	0	8.1	0.0	8.1
24		RANCHI-SIPAT	D/C	0	0	14.8	0.0	14.8
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	76	0.0	0.7	-0.7
26		BUDHIPADAR-KORBA	D/C	0	0	1.9	0.0	1.9
ER-WR						59.8	4.9	54.9
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.2	-15.2
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	228.4	0.0	9.5	-9.5
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1549.2	0.0	22.7	-22.7
30	400 KV	TALCHER-I/C	D/C	0.0	1220.5	0.0	17.2	-17.2
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	47.5	-47.5
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1603	0.0	9.2	-9
33		ALIPURDUAR-BONGAIGAON	D/C	0	1310	0.0	4.7	-5
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.1	-2
ER-NER						0.0	16.0	-16.0
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	700	0.0	16.1	-16.1
NER-NR						0.0	16.1	-16.1
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	31.5	-31.5
37		V'CHAL B/B	D/C	250	300	2.6	3.4	-0.8
38		APL -MHG	D/C	0	2518	0.0	52.8	-52.8
39	765 KV	GWALIOR-AGRA	D/C	0	2536	0.0	48.0	-48.0
40		PHAGI-GWALIOR	D/C	0	912	0.0	13.8	-13.8
41	400 KV	ZERDA-KANKROLI	S/C	293	0	4.7	0.0	4.7
42		ZERDA -BHINMAL	S/C	221	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	263	0	1	-1
45	220 KV	BADOD-KOTA	S/C	109	0	1.7	0.0	1.7
46		BADOD-MORAK	S/C	49	34	0.5	0.1	0.5
47		MEHGAON-AURAIYA	S/C	73	0	1.4	0.0	1.4
48		MALANPUR-AURAIYA	S/C	41	7	0.6	0.0	0.6
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						14.4	150.9	-136.5
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	400	300	7.1	0.9	6.1
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	235	1079	0.0	10.4	-10.4
53		WARDHA-NIZAMABAD	D/C	0	1616	0.0	27.4	-27.4
54	400 KV	KOLHAPUR-KUDGI	D/C	0	0	8.7	0.0	8.7
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						17.8	38.8	-21.0
TRANSNATIONAL EXCHANGE								
58		BHUTAN						17.9
59		NEPAL						-2.5
60		BANGLADESH						-14.2