



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: 29th 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 28.10.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 28-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 28th 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

29-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	43216	45935	38499	19363	2453	149466
Peak Shortage (MW)	1612	56	0	120	52	1840
Energy Met (MU)	915	1074	840	363	41	3233
Hydro Gen(MU)	133	21	74	57	20	305
Wind Gen(MU)	2	9	20	-----	-----	31
Solar Gen (MU)*	3.71	15.03	30.50	0.61	0.03	50
Energy Shortage (MU)	11.6	0.0	0.0	0.4	0.8	12.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43911	48324	37791	19355	2512	148783

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	0.073	0.13	3.85	14.51	18.50	76.12	5.38

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	5363	0	109.9	48.7	-0.7	121	0.0
	Haryana	6376	41	124.2	86.2	0.9	185	0.0
	Rajasthan	9829	0	202.8	59.1	-0.2	358	0.0
	Delhi	4085	0	83.6	56.0	13.5	724	0.0
	UP	13786	0	293.2	117.2	0.5	462	2.2
	Uttarakhand	1704	0	34.0	14.7	-0.5	109	0.0
	HP	1288	0	25.4	15.7	0.7	96	0.0
	J&K	1864	466	39.0	32.7	0.6	277	9.4
WR	Chandigarh	170	0	3.1	4.0	-0.9	0	0.0
	Chhattisgarh	3453	0	76.6	25.2	-0.6	85	0.0
	Gujarat	14518	0	310.1	87.7	-0.9	379	0.0
	MP	9620	0	224.0	161.4	1.8	847	0.0
	Maharashtra	19663	0	420.1	125.2	-3.4	411	0.0
	Goa	466	0	10.0	9.5	0.4	96	0.0
	DD	326	0	7.4	5.7	1.6	87	0.0
	DNH	757	0	17.0	15.8	1.2	77	0.0
SR	Essar steel	441	0	9.1	9.5	-0.3	186	0.0
	Andhra Pradesh	7676	0	161.5	58.8	-2.2	337	0.0
	Telangana	7250	0	159.7	50.4	-1.0	281	0.0
	Karnataka	7986	0	171.0	68.0	3.0	470	0.0
	Kerala	3332	0	64.9	44.5	1.1	190	0.0
	Tamil Nadu	13350	0	276.1	157.4	0.8	711	0.0
ER	Pondy	339	0	6.8	7.2	-0.4	15	0.0
	Bihar	3963	0	71.0	64.3	0.0	200	0.0
	DVC	3109	0	62.8	-20.8	1.5	220	0.4
	Jharkhand	1058	0	21.6	15.5	-0.2	55	0.0
	Odisha	4535	0	85.0	42.0	3.2	250	0.0
	West Bengal	7082	0	121.2	30.0	2.8	250	0.0
NER	Sikkim	101	0	1.2	1.4	-0.2	12	0.0
	Arunachal Pradesh	110	2	2.3	2.2	0.1	7	0.0
	Assam	1525	28	25.2	19.4	0.3	139	0.6
	Manipur	162	3	2.1	2.4	-0.3	19	0.0
	Meghalaya	308	0	5.8	0.3	0.4	59	0.0
	Mizoram	84	1	1.4	1.1	0.3	15	0.0
	Nagaland	116	1	1.6	1.4	-0.3	19	0.0
Tripura	212	1	2.9	2.9	-0.3	75	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	12.8	-1.6	-14.4
Day peak (MW)	580.8	-222.2	-621.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	166.8	-148.3	32.8	-52.1	-3.7	-4.5
Actual(MU)	166.9	-151.7	31.8	-44.6	-4.8	-2.5
O/D/U/D(MU)	0.0	-3.4	-1.0	7.4	-1.1	2.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3362	14754	2760	2445	204	23525
State Sector	12320	15907	9852	6505	50	44634
Total	15682	30661	12612	8950	254	68159

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	547	1130	582	365	5	2628
Hydro	133	21	74	57	20	306
Nuclear	33	16	49	0	0	98
Gas, Naptha & Diesel	37	66	22	0	24	149
RES (Wind, Solar, Biomass & Others)	10	24	89	1	0	123
Total	759	1257	816	422	49	3304

*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(ग्रि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 29-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	170	0.0	3.4	-3.4
2		SASARAM-FATEHPUR	S/C	0	12	2.8	0.0	2.8
3		GAYA-BALIA	S/C	0	210	0.0	5.5	-5.5
4	HVDC	ALIPURDUAR-AGRA	-	0	329	0.0	12.6	-12.6
5		PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1
6	400 KV	PUSAULI-VARANASI	S/C	0	226	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	87	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	500	0.0	9.2	-9.2
9		PATNA-BALIA	Q/C	0	941	0.0	17.9	-17.9
10		BIHARSHARIFF-BALIA	D/C	0	94	0.0	0.7	-0.7
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.8	0.0	3.8
12		BIHARSHARIFF-VARANASI	D/C	0	132	1.5	0.0	1.5
13	220 KV	PUSAULI-SAHUPURI	S/C	0	140	0.0	2.7	-2.7
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.6	0.0	0.6
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						8.7	58.0	-49.3
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	261	1.7	0.0	1.7
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	78	5.3	0.0	5.3
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	29	0.0	1.3	-1.3
21		JHARSUGUDA-RAIGARH	S/C	0	8	1.3	0.0	1.3
22		IBEUL-RAIGARH	S/C	0	0	1.3	0.0	1.3
23		STERLITE-RAIGARH	D/C	0	0	3.3	0.0	3.3
24		RANCHI-SIPAT	D/C	0	0	4.7	0.0	4.7
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	85	0.0	0.6	-0.6
26		BUDHIPADAR-KORBA	D/C	0	0	1.5	0.0	1.5
ER-WR						19.1	1.8	17.3
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.3	-12.3
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	322.5	0.0	13.0	-13.0
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1521.9	0.0	18.8	-18.8
30	400 KV	TALCHER-I/C	D/C	0.0	1102.6	0.0	14.4	-14.4
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	44.2	-44.2
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1480	0.0	9.2	-9
33		ALIPURDUAR-BONGAIGAON	D/C	0	1212	0.0	2.5	-3
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.5	-1
ER-NER						0.0	13.2	-13.2
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	500	0.0	11.8	-11.8
37		V'CHAL B/B	D/C	500	0	9.7	0.0	9.7
38		APL -MHG	D/C	0	2216	0.0	44.6	-44.6
39	765 KV	GWALIOR-AGRA	D/C	0	2266	0.0	45.9	-45.9
40		PHAGI-GWALIOR	D/C	0	1036	0.0	17.7	-17.7
41	400 KV	ZERDA-KANKROLI	S/C	350	0	3.8	0.0	3.8
42		ZERDA -BHINMAL	S/C	267	93	1.7	0.0	1.7
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	27	291	0	1	-1
45	220 KV	BADOD-KOTA	S/C	99	0	1.8	0.0	1.8
46		BADOD-MORAK	S/C	61	11	0.1	0.0	0.0
47		MEHGAON-AURAIYA	S/C	69	0	0.9	0.0	0.9
48		MALANPUR-AURAIYA	S/C	29	7	0.2	0.0	0.2
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						18.3	121.4	-103.1
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	234	1405	0.0	10.2	-10.2
53		WARDHA-NIZAMABAD	D/C	0	1830	0.0	24.6	-24.6
54	400 KV	KOLHAPUR-KUDGI	D/C	746	0	11.5	0.0	11.5
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						13.5	42.0	-28.6
TRANSNATIONAL EXCHANGE								
58		BHUTAN						12.8
59		NEPAL						-1.6
60		BANGLADESH						-14.4