



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: 19th 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 18.10.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 18-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 18th 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

19-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	47555	43674	33672	20860	2718	148478
Peak Shortage (MW)	509	-44	0	0	78	544
Energy Met (MU)	1019	1039	733	419	49	3258
Hydro Gen(MU)	144	16	89	77	20	345
Wind Gen(MU)	2	22	42	-----	-----	66
Solar Gen (MU)*	4.16	16.68	30.90	0.79	0.02	53
Energy Shortage (MU)	9.5	0.0	0.0	0.0	0.6	10.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	48736	44230	34084	21089	2650	149068

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	0.022	0.00	0.00	0.84	0.84	78.65	20.51

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	6161	0	131.0	51.1	0.1	188	0.0
	Haryana	6975	0	145.1	88.0	1.0	201	0.0
	Rajasthan	9583	0	195.4	59.0	1.7	303	0.0
	Delhi	4001	0	82.8	67.0	-2.3	46	0.0
	UP	17966	0	363.2	170.5	2.4	636	0.0
	Uttarakhand	1721	0	34.3	12.2	-0.1	155	0.0
	HP	1260	0	23.1	12.0	0.4	98	0.0
	J&K	2038	509	40.1	33.4	-0.9	140	9.5
WR	Chandigarh	181	0	3.6	4.2	-0.6	0	0.0
	Chhattisgarh	3666	0	81.4	21.8	-2.1	19	0.0
	Gujarat	14330	0	312.5	92.5	-0.6	567	0.0
	MP	9551	0	210.8	139.3	0.8	527	0.0
	Maharashtra	17434	0	391.7	123.5	0.3	383	0.0
	Goa	390	0	8.3	7.8	0.6	82	0.0
	DD	312	0	7.0	6.3	0.7	57	0.0
	DNH	739	0	17.1	16.3	0.8	127	0.0
SR	Essar steel	476	0	9.8	9.7	0.1	156	0.0
	Andhra Pradesh	6692	0	146.0	40.2	1.7	443	0.0
	Telangana	7128	0	157.2	45.8	-1.5	417	0.0
	Karnataka	7047	0	140.9	46.8	3.1	460	0.0
	Kerala	3273	0	63.2	47.5	1.1	246	0.0
	Tamil Nadu	10046	0	220.6	97.8	0.8	432	0.0
	Pondy	271	0	5.4	5.9	-0.6	25	0.0
	ER	Bihar	4634	0	88.1	78.1	1.9	170
DVC		3088	0	68.3	-19.4	2.5	250	0.0
Jharkhand		1113	0	23.9	13.6	0.4	110	0.0
Odisha		4180	0	86.2	36.3	2.8	500	0.0
West Bengal		8303	0	151.5	56.0	4.2	600	0.0
Sikkim		87	0	1.1	0.9	0.2	25	0.0
NER	Arunachal Pradesh	108	2	2.5	2.0	0.5	7	0.0
	Assam	1724	56	31.7	23.4	2.8	141	0.5
	Manipur	156	2	2.0	2.2	-0.2	20	0.1
	Meghalaya	272	0	5.3	0.8	0.3	126	0.0
	Mizoram	79	3	1.3	1.2	0.0	15	0.0
	Nagaland	104	4	2.4	1.7	0.1	23	0.0
	Tripura	285	0	4.1	3.9	0.5	90	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	19.5	-4.6	-14.7
Day peak (MW)	905.1	-325.6	-649.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	232.0	-196.6	0.9	-36.6	0.9	0.6
Actual(MU)	220.1	-188.2	-4.2	-28.0	0.0	-0.3
O/D/U/D(MU)	-11.9	8.4	-5.1	8.5	-0.9	-0.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3321	13724	3810	1490	80	22425
State Sector	9660	16111	10992	6105	50	42918
Total	12981	29835	14802	7595	129	65343

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	573	1141	476	384	9	2584
Hydro	144	16	89	77	20	345
Nuclear	33	16	48	0	0	97
Gas, Naptha & Diesel	60	59	18	0	25	162
RES (Wind, Solar, Biomass & Others)	10	38	107	1	0	157
Total	821	1271	739	462	53	3345

*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 : 19-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	217	0.0	6.2	-6.2
2		SASARAM-FATEHPUR	S/C	0	18	3.2	0.0	3.2
3		GAYA-BALIA	S/C	0	353	0.0	6.4	-6.4
4	HVDC	ALIPURDUAR-AGRA	-	0	287	0.0	7.9	-7.9
5		PUSAULI B/B	S/C	0	97	0.0	2.3	-2.3
6	400 KV	PUSAULI-VARANASI	S/C	0	127	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	31	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	619	0.0	10.5	-10.5
9		PATNA-BALIA	Q/C	0	1049	0.0	19.3	-19.3
10		BIHARSHARIFF-BALIA	D/C	0	185	0.0	3.5	-3.5
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.8	0.0	3.8
12		BIHARSHARIFF-VARANASI	D/C	0	110	0.4	0.0	0.4
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	4.9	-4.9
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						7.9	60.9	-53.1
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	5.1	0.0	5.1
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	15.4	0.0	15.4
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	0.0	3.5	-3.5
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.9	0.0	2.9
22		IBEUL-RAIGARH	S/C	0	0	2.7	0.0	2.7
23		STERLITE-RAIGARH	D/C	0	0	7.2	0.0	7.2
24		RANCHI-SIPAT	D/C	0	0	12.4	0.0	12.4
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	128	0.0	1.6	-1.6
26		BUDHIPADAR-KORBA	D/C	0	0	1.5	0.0	1.5
ER-WR						47.3	5.1	42.2
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	11.6	-11.6
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	175.2	0.0	8.6	-8.6
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	651.8	0.0	12.7	-12.7
30	400 KV	TALCHER-I/C	D/C	0.0	944.5	0.0	15.3	-15.3
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	32.8	-32.8
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1217	0.0	7.4	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	1007	0.0	4.2	-4
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.0	-2
ER-NER						0.0	13.6	-13.6
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	15.2	-15.2
NER-NR						0.0	15.2	-15.2
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	35.6	-35.6
37		V'CHAL B/B	D/C	300	300	1.6	1.6	0.0
38		APL -MHG	D/C	0	2015	0.0	50.2	-50.2
39	765 KV	GWALIOR-AGRA	D/C	0	2932	0.0	57.6	-57.6
40		PHAGI-GWALIOR	D/C	0	1008	0.0	19.4	-19.4
41	400 KV	ZERDA-KANKROLI	S/C	330	0	5.1	0.0	5.1
42		ZERDA -BHINMAL	S/C	248	14	3.1	0.0	3.1
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	292	0	2	-2
45		BADOD-KOTA	S/C	89	0	1.5	0.0	1.5
46	220 KV	BADOD-MORAK	S/C	46	27	0.4	0.1	0.3
47		MEHGAON-AURAIYA	S/C	72	0	1.2	0.0	1.2
48		MALANPUR-AURAIYA	S/C	31	0	0.4	0.0	0.4
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						13.2	166.6	-153.3
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	400	0	8.8	0.0	8.8
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	955	385	3.7	0.0	3.7
53		WARDHA-NIZAMABAD	D/C	0	1338	0.0	19.1	-19.1
54	400 KV	KOLHAPUR-KUDGI	D/C	791	0	11.8	0.0	11.8
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						26.3	19.1	7.2
TRANSNATIONAL EXCHANGE								
58		BHUTAN						19.5
59		NEPAL						-4.6
60		BANGLADESH						-14.7