



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: 02nd 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 01.10.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 01-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 01st 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

2-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48944	43544	32586	16978	2371	144423
Peak Shortage (MW)	580	0	0	0	68	648
Energy Met (MU)	1050	1013	712	345	39	3158
Hydro Gen(MU)	223	14	53	100	29	420
Wind Gen(MU)	14	29	73	-----	-----	116
Solar Gen (MU)*	3.43	15.53	28.60	0.48	0.02	48
Energy Shortage (MU)	13.0	0.0	0.0	0.0	1.0	14.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49231	44417	32006	17326	2442	144144

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	0.025	0.00	0.00	1.59	1.59	75.94	22.48

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	8081	0	167.3	69.4	1.6	225	0.0
	Haryana	6959	0	135.5	84.8	3.1	236	0.2
	Rajasthan	9445	0	196.2	76.4	2.5	399	0.0
	Delhi	4086	0	84.6	63.9	-1.2	178	0.2
	UP	16702	0	351.9	150.6	-0.1	231	0.0
	Uttarakhand	1618	0	33.9	7.9	-0.4	102	0.0
	HP	1159	0	22.4	4.6	0.0	81	0.0
	J&K	2592	648	53.5	28.3	11.4	195	12.7
WR	Chandigarh	208	0	4.1	4.9	-0.8	0	0.0
	Chhattisgarh	3385	0	81.2	27.3	-1.3	116	0.0
	Gujarat	15164	0	332.6	89.4	1.0	386	0.0
	MP	7989	0	176.9	103.2	-0.8	398	0.0
	Maharashtra	17758	0	385.8	136.3	3.5	489	0.0
	Goa	423	0	8.5	7.3	0.9	85	0.0
	DD	270	0	5.5	5.4	0.1	27	0.0
	DNH	715	0	15.4	14.6	0.9	78	0.0
SR	Essar steel	363	0	7.0	6.3	0.7	181	0.0
	Andhra Pradesh	6227	0	138.0	45.7	1.1	432	0.0
	Telangana	6866	0	148.2	59.5	-0.1	412	0.0
	Karnataka	5523	0	113.1	35.7	0.8	405	0.0
	Kerala	2971	0	58.9	42.0	1.0	165	0.0
	Tamil Nadu	11617	0	247.3	107.6	3.8	544	0.0
	Pondy	308	0	6.6	6.9	-0.3	20	0.0
	ER	Bihar	4019	0	70.6	64.8	-0.5	270
DVC		2752	0	58.3	-13.0	0.7	240	0.0
Jharkhand		965	0	19.8	15.3	-1.2	90	0.0
Odisha		4286	0	80.6	35.4	1.9	360	0.0
West Bengal		6291	0	115.1	19.2	4.1	470	0.0
NER	Sikkim	70	0	0.8	1.3	-0.5	0	0.0
	Arunachal Pradesh	112	3	2.2	3.4	-1.1	0	0.0
	Assam	1485	31	22.7	17.0	0.6	75	0.8
	Manipur	145	3	1.9	2.7	-0.7	11	0.1
	Meghalaya	252	0	5.3	-0.5	-0.4	24	0.0
	Mizoram	70	5	1.2	1.5	-0.4	3	0.0
	Nagaland	113	2	1.8	2.1	-0.5	18	0.0
Tripura	216	2	3.4	4.2	-0.6	14	0.1	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	32.7	-1.3	-15.1
Day peak (MW)	1455.2	-218.8	-651.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	170.2	-140.9	40.5	-67.3	-5.6	-3.1
Actual(MU)	168.7	-135.1	36.6	-59.7	-12.1	-1.5
O/D/U/D(MU)	-1.5	5.9	-3.9	7.6	-6.5	1.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3289	17166	4560	2245	35	27296
State Sector	10230	15178	10732	7680	50	43870
Total	13519	32344	15292	9925	85	71166

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	565	1055	438	326	3	2387
Hydro	223	15	53	100	29	420
Nuclear	33	15	36	0	0	83
Gas, Naptha & Diesel	32	53	18	0	24	127
RES (Wind, Solar, Biomass & Others)	25	44	135	1	0	205
Total	879	1183	680	426	56	3223

*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 : 2-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	208	0.0	4.9	-4.9
2		SASARAM-FATEHPUR	S/C	0	64	2.5	0.0	2.5
3		GAYA-BALIA	S/C	0	333	0.0	4.6	-4.6
4	HVDC	ALIPURDUAR-AGRA	-	0	379	0.0	12.2	-12.2
5		PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0
6	400 KV	PUSAULI-VARANASI	S/C	0	200	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	96	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	802	0.0	15.7	-15.7
9		PATNA-BALIA	Q/C	0	1042	0.0	21.5	-21.5
10		BIHARSHARIFF-BALIA	D/C	0	250	0.0	5.1	-5.1
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.2	0.0	3.2
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.1	-1.1
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	4.6	-4.6
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						6.2	75.5	-69.3
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	7.4	0.0	7.4
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	74	6.7	0.0	6.7
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	0.0	2.2	-2.2
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.0	0.0	2.0
22		IBEUL-RAIGARH	S/C	0	0	2.1	0.0	2.1
23		STERLITE-RAIGARH	D/C	0	0	5.0	0.0	5.0
24		RANCHI-SIPAT	D/C	0	0	6.8	0.0	6.8
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	52	0.0	0.1	-0.1
26		BUDHIPADAR-KORBA	D/C	0	0	1.4	0.0	1.4
ER-WR						31.4	2.3	29.1
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	210.7	0.0	11.1	-11.1
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1436.0	0.0	22.4	-22.4
30	400 KV	TALCHER-I/C	D/C	0.0	871.9	0.8	3.8	-3.0
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	48.6	-48.6
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1023	0.0	0.3	0
33		ALIPURDUAR-BONGAIGAON	D/C	0	837	0.8	0.0	1
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.2	-1
ER-NER						0.8	1.5	-0.7
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1000	0.0	18.7	-18.7
NER-NR						0.0	18.7	-18.7
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	500	0.0	8.6	-8.6
37		V'CHAL B/B	D/C	500	0	12.1	0.0	12.1
38		APL -MHG	D/C	0	1010	0.0	26.1	-26.1
39	765 KV	GWALIOR-AGRA	D/C	0	2194	0.0	37.7	-37.7
40		PHAGI-GWALIOR	D/C	0	1210	0.0	24.1	-24.1
41	400 KV	ZERDA-KANKROLI	S/C	265	44	2.9	0.0	2.9
42		ZERDA -BHINMAL	S/C	223	62	2.4	0.0	2.4
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	357	0	3	-3
45		BADOD-KOTA	S/C	20	49	0.1	0.3	-0.2
46	220 KV	BADOD-MORAK	S/C	23	81	0.1	0.6	-0.5
47		MEHGAON-AURAIYA	S/C	56	0	0.9	0.0	0.9
48		MALANPUR-AURAIYA	S/C	29	1	0.3	0.0	0.3
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						18.8	100.2	-81.4
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	800	0.0	8.5	-8.5
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	426	671	426.0	5.7	420.3
53		WARDHA-NIZAMABAD	D/C	0	1125	0.0	19.0	-19.0
54	400 KV	KOLHAPUR-KUDGI	D/C	655	0	12.0	0.0	12.0
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						440.0	33.2	406.8
TRANSNATIONAL EXCHANGE								
58		BHUTAN						32.7
59		NEPAL						-1.3
60		BANGLADESH						-15.1