



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: 08th 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 07.10.2017.

महोदय/Dear Sir,

आईईसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 07-अक्टूबर-2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके 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 07th October 2017, is available at the NLDC website.

धन्यवाद,



पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting

8-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	48255	46229	37053	20462	2647	154646
Peak Shortage (MW)	3765	44	0	350	143	4301
Energy Met (MU)	1092	1090	792	416	49	3438
Hydro Gen(MU)	198	25	78	96	23	419
Wind Gen(MU)	4	34	26			64
Solar Gen (MU)*	4.20	14.68	29.30	0.56	0.02	49
Energy Shortage (MU)	46.5	8.8	0.0	1.1	1.5	57.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49603	47340	37621	20281	2772	155341

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	0.060	0.00	0.86	17.73	18.59	77.38	4.03

C. Power Supply Position in States

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	7928	0	174.2	54.3	-0.8	128	0.0
	Haryana	7239	516	154.3	85.1	1.8	312	2.5
	Rajasthan	8791	735	202.4	71.8	5.9	425	20.5
	Delhi	4354	0	92.5	67.8	-1.3	71	0.0
	UP	15744	690	358.3	168.9	1.2	595	13.7
	Uttarakhand	1920	0	39.4	14.7	-0.1	107	0.0
	HP	1299	0	25.4	10.1	0.6	96	0.0
	J&K	2163	541	41.1	30.2	-0.2	157	9.7
	Chandigarh	223	0	4.5	4.9	-0.4	5	0.0
	WR	Chhattisgarh	3604	0	79.9	19.0	-1.9	225
Gujarat		16927	0	367.1	107.0	3.7	913	0.0
MP		8760	0	194.5	116.6	4.6	531	0.0
Maharashtra		19246	788	410.0	140.7	-2.3	344	8.8
Goa		499	0	9.9	9.2	0.4	90	0.0
DD		341	0	7.5	6.5	1.0	81	0.0
DNH		758	0	16.3	15.6	0.7	146	0.0
Essar steel		268	0	4.7	4.8	-0.1	130	0.0
Andhra Pradesh		7008	0	144.4	39.0	3.4	411	0.0
Telangana		6825	0	150.8	52.8	-1.8	348	0.0
SR	Karnataka	7276	0	137.7	38.6	2.9	646	0.0
	Kerala	3367	0	67.1	42.4	1.2	204	0.0
	Tamil Nadu	13479	0	284.4	125.5	3.1	581	0.0
	Pondy	336	0	7.2	7.3	-0.1	39	0.0
	Bihar	4646	0	89.7	81.8	0.7	385	0.5
	DVC	2571	200	62.3	-15.6	3.6	365	0.6
	Jharkhand	1040	0	21.6	16.4	1.2	156	0.0
	Odisha	4620	0	88.3	34.4	2.4	398	0.0
	West Bengal	8075	0	152.3	56.9	1.9	412	0.0
	Sikkim	97	0	1.3	0.9	0.4	20	0.0
NER	Arunachal Pradesh	119	5	2.5	2.5	0.0	6	0.1
	Assam	1685	100	31.6	24.0	1.9	188	1.3
	Manipur	160	2	2.1	2.3	-0.2	14	0.1
	Meghalaya	260	0	4.6	-0.9	0.5	55	0.0
	Mizoram	78	2	1.3	1.3	-0.1	7	0.0
	Nagaland	111	1	1.9	1.7	0.0	16	0.1
	Tripura	266	1	4.4	4.1	-0.2	55	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	26.3	-3.8	-15.1
Day peak (MW)	1137.2	-211.3	-659.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	171.4	-157.0	13.7	-23.2	-1.0	3.9
Actual(MU)	159.2	-157.7	14.0	-12.4	-0.7	2.4
O/D/U/D(MU)	-12.3	-0.7	0.3	10.8	0.3	-1.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2386	15438	3810	1745	56	23435
State Sector	9505	15903	8702	6845	50	41005
Total	11891	31341	12512	8590	106	64440

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	639	1123	548	354	5	2669
Hydro	198	26	78	96	23	420
Nuclear	33	15	41	0	0	89
Gas, Naptha & Diesel	62	67	17	0	25	171
RES (Wind, Solar, Biomass & Others)	14	48	95	1	0	158
Total	945	1279	780	451	53	3508

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारंपरण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(वि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting :	8-Oct-17
SI 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	123	0.0	1.1	-1.1	
2		SASARAM-FATEHPUR	S/C	0	0	6.3	0.0	6.3	
3		GAYA-BALIA	S/C	0	316	0.0	4.6	-4.6	
4	HVDC	ALIPURDUAR-AGRA	-	0	304	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	224	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	84	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	550	0.0	8.8	-8.8	
9		PATNA-BALIA	Q/C	0	815	0.0	13.7	-13.7	
10		BIHARSHARIFF-BALIA	D/C	0	141	0.0	1.8	-1.8	
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.0	0.0	4.0	
12	BIHARSHARIFF-VARANASI	D/C	0	0	2.9	0.0	2.9		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	227	0.0	5.4	-5.4	
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						13.8	53.5	-39.7	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	100	5.5	0.0	5.5	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	12.7	0.0	12.7	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.4	0.0	2.4	
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.8	0.0	1.8	
22		IBEUL-RAIGARH	S/C	0	0	0.0	0.0	0.0	
23		STERLITE-RAIGARH	D/C	0	0	4.0	0.0	4.0	
24		RANCHI-SIPAT	D/C	0	0	7.9	0.0	7.9	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	31	0.5	0.0	0.5	
26		BUDHIPADAR-KORBA	D/C	0	0	2.5	0.0	2.5	
ER-WR						37.2	0.0	37.2	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	10.8	-10.8	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	154.8	0.0	6.4	-6.4	
29		LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1520.5	0.0	15.1	-15.1
30	400 KV	TALCHER-I/C	D/C	0.0	872.5	0.0	11.6	-11.6	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	32.2	-32.2	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1240	0.0	6.3	-6	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1026	0.0	1.2	-1	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.7	-2	
ER-NER						0.0	9.3	-9.3	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	501	0.0	12.1	-12.1	
NER-NR						0.0	12.1	-12.1	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	23.8	-23.8	
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2	
38		APL -MHG	D/C	0	1412	0.0	33.9	-33.9	
39	765 KV	GWALIOR-AGRA	D/C	0	2376	0.0	47.3	-47.3	
40		PHAGI-GWALIOR	D/C	0	1070	0.0	21.4	-21.4	
41	400 KV	ZERDA-KANKROLI	S/C	281	0	4.6	0.0	4.6	
42		ZERDA -BHINMAL	S/C	248	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	270	0	2	-2	
45		BADOD-KOTA	S/C	58	3	0.3	0.0	0.3	
46	220 KV	BADOD-MORAK	S/C	61	32	0.0	0.2	-0.2	
47		MEHGAON-AURAIYA	S/C	117	0	2.1	0.0	2.1	
48		MALANPUR-AURAIYA	S/C	78	0	1.3	0.0	1.3	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						23.3	128.9	-105.6	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	400	0.0	9.5	-9.5	
51	LINK	BARSUR-L-SILERU	-	0	0	0.0	0.0	0.0	
52		SOLAPUR-RAICHUR	D/C	392	830	0.0	2.9	-2.9	
53	765 KV	WARDHA-NIZAMABAD	D/C	0	837	0.0	10.8	-10.8	
54		KOLHAPUR-KUDGI	D/C	584	0	8.3	0.0	8.3	
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						10.3	23.2	-12.9	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						26.3	
59		NEPAL						-3.8	
60		BANGLADESH						-15.1	