



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: 04th 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 03.10.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 03-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 03rd 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

4-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48121	48094	37233	19244	2389	155081
Peak Shortage (MW)	2743	706	0	0	287	3736
Energy Met (MU)	1055	1092	768	375	45	3335
Hydro Gen(MU)	218	40	76	111	27	471
Wind Gen(MU)	9	17	60	-----	-----	86
Solar Gen (MU)*	0.81	15.66	30.00	0.76	0.02	47
Energy Shortage (MU)	26.7	13.6	0.0	0.0	1.5	41.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	50398	48543	37958	18910	2575	156059

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	0.090	0.13	3.62	23.55	27.30	69.75	2.95

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	7790	0	157.4	70.7	0.6	188	0.0
	Haryana	7075	700	148.0	89.6	1.2	200	0.3
	Rajasthan	9291	185	196.4	81.1	4.1	425	14.4
	Delhi	4586	0	94.3	72.5	-0.1	167	0.0
	UP	16253	0	353.0	145.9	-0.7	252	2.5
	Uttarakhand	1862	0	36.8	10.2	0.2	128	0.0
	HP	1257	2	24.0	7.0	0.1	111	0.1
	J&K	2297	574	40.2	29.2	-1.4	201	9.5
WR	Chandigarh	239	0	4.8	5.1	-0.3	10	0.0
	Chhattisgarh	3808	0	82.1	33.6	-0.5	120	0.0
	Gujarat	16314	0	356.5	86.5	0.9	391	0.0
	MP	8462	0	185.4	112.6	4.0	570	0.0
	Maharashtra	20624	808	428.0	144.3	5.8	644	13.6
	Goa	449	0	9.6	8.7	0.6	34	0.0
	DD	327	0	7.1	6.4	0.7	59	0.0
	DNH	766	0	17.0	16.0	1.0	102	0.0
SR	Essar steel	410	0	6.5	6.2	0.2	245	0.0
	Andhra Pradesh	6340	0	141.6	41.6	0.2	543	0.0
	Telangana	6555	0	144.1	53.5	-0.6	307	0.0
	Karnataka	7165	0	132.7	47.5	0.6	360	0.0
	Kerala	3392	0	65.2	42.0	1.1	191	0.0
	Tamil Nadu	12920	0	277.4	129.9	0.6	484	0.0
ER	Pondy	364	0	7.2	7.1	0.1	53	0.0
	Bihar	4421	0	82.5	71.4	5.3	310	0.0
	DVC	2562	0	58.0	-18.0	5.0	400	0.0
	Jharkhand	1041	0	22.1	16.1	-0.1	120	0.0
	Odisha	4228	0	79.8	31.5	-3.1	380	0.0
	West Bengal	7645	0	131.8	32.2	3.1	260	0.0
NER	Sikkim	88	0	1.0	1.1	-0.1	15	0.0
	Arunachal Pradesh	113	2	2.4	2.8	-0.4	13	0.0
	Assam	1601	77	27.9	19.9	2.8	125	1.4
	Manipur	144	2	1.9	2.4	-0.5	11	0.0
	Meghalaya	282	0	5.3	-1.3	-0.3	12	0.0
	Mizoram	78	1	1.3	1.3	-0.1	9	0.0
	Nagaland	114	1	2.0	1.9	-0.1	18	0.0
Tripura	259	1	4.3	3.7	1.2	56	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	31.2	-2.2	-15.3
Day peak (MW)	1269.1	-231.8	-658.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	174.5	-136.0	30.6	-63.1	-6.1	-0.1
Actual(MU)	172.0	-136.6	26.9	-60.3	-5.3	-3.4
O/D/U/D(MU)	-2.6	-0.6	-3.7	2.8	0.8	-3.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2256	16819	4770	2245	56	26146
State Sector	10230	16160	10342	5965	50	42747
Total	12486	32979	15112	8210	106	68893

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	598	1104	495	338	4	2539
Hydro	218	40	76	111	27	471
Nuclear	33	16	37	0	0	86
Gas, Naptha & Diesel	43	66	17	0	24	150
RES (Wind, Solar, Biomass & Others)	17	33	126	1	0	177
Total	908	1259	752	450	55	3423

*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 : 4-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	172	0.0	5.1	-5.1
2		SASARAM-FATEHPUR	S/C	0	0	3.6	0.0	3.6
3		GAYA-BALIA	S/C	0	264	0.0	5.2	-5.2
4	HVDC	ALIPURDUAR-AGRA	-	0	282	0.0	11.5	-11.5
5		PUSAULI B/B	S/C	0	247	0.0	5.9	-5.9
6	400 KV	PUSAULI-VARANASI	S/C	0	220	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	708	0.0	13.0	-13.0
9		PATNA-BALIA	Q/C	0	999	0.0	20.4	-20.4
10		BIHARSHARIFF-BALIA	D/C	0	181	0.0	3.5	-3.5
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.5	0.0	3.5
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.2	0.0	0.2
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	5.3	-5.3
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.8	0.0	0.8
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						8.1	69.9	-61.8
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	136	2.3	0.0	2.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	8.6	0.0	8.6
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	5	0.0	1.9	-1.9
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.7	0.0	1.7
22		IBEUL-RAIGARH	S/C	0	0	1.8	0.0	1.8
23		STERLITE-RAIGARH	D/C	0	0	3.4	0.0	3.4
24		RANCHI-SIPAT	D/C	0	0	5.0	0.0	5.0
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	95	0.0	1.0	-1.0
26		BUDHIPADAR-KORBA	D/C	0	50	1.7	0.0	1.7
ER-WR						24.5	2.9	21.6
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.1	-13.1
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	252.0	0.0	12.3	-12.3
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	650.4	0.0	12.1	-12.1
30	400 KV	TALCHER-I/C	D/C	0.0	943.3	0.0	15.1	-15.1
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	37.6	-37.6
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1279	0.0	9.6	-10
33		ALIPURDUAR-BONGAIGAON	D/C	0	1053	0.0	1.5	-2
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.6	-2
ER-NER						0.0	12.7	-12.7
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	700	0.0	16.8	-16.8
NER-NR						0.0	16.8	-16.8
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	600	0.0	14.3	-14.3
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	1210	0.0	20.4	-20.4
39	765 KV	GWALIOR-AGRA	D/C	0	2192	0.0	41.1	-41.1
40		PHAGI-GWALIOR	D/C	0	1396	0.0	27.2	-27.2
41	400 KV	ZERDA-KANKROLI	S/C	116	74	0.7	0.0	0.7
42		ZERDA -BHINMAL	S/C	142	98	0.0	0.0	0.0
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	340	0	3	-3
45	220 KV	BADOD-KOTA	S/C	43	52	0.3	0.2	0.0
46		BADOD-MORAK	S/C	23	76	0.1	0.4	-0.4
47		MEHGAON-AURAIYA	S/C	90	0	1.8	0.0	1.8
48		MALANPUR-AURAIYA	S/C	53	0	0.6	0.0	0.6
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						15.5	106.7	-91.2
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	800	0.0	10.1	-10.1
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	286	547	3.7	4.4	-0.7
53		WARDHA-NIZAMABAD	D/C	0	771	0.0	10.9	-10.9
54	400 KV	KOLHAPUR-KUDGI	D/C	523	0	0.0	0.0	0.0
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						5.7	25.5	-19.8
TRANSNATIONAL EXCHANGE								
58		BHUTAN						31.2
59		NEPAL						-2.2
60		BANGLADESH						-15.3