



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: 11th Dec 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 10.12.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 10-दिसम्बर - 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 10th December 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

11-Dec-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	39351	43439	34858	17156	2157	136961
Peak Shortage (MW)	824	0	0	94	49	967
Energy Met (MU)	837	1026	828	318	38	3047
Hydro Gen(MU)	105	21	53	28	14	221
Wind Gen(MU)	15	25	22	-----	-----	63
Solar Gen (MU)*	1.12	13.95	38.01	0.51	0.01	54
Energy Shortage (MU)	13.5	0.3	-1.1	0.3	0.5	13.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41020	47544	37700	16953	2188	139661

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	1.93	14.40	16.33	71.79	11.88

C. Power Supply Position in States

RegionRegion	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	4569	0	94.6	31.8	-1.9	172	0.0
	Haryana	6159	0	109.2	50.5	1.2	270	0.0
	Rajasthan	10500	0	203.8	78.3	2.8	393	2.0
	Delhi	3169	0	56.0	38.6	-0.3	236	0.0
	UP	12778	310	270.2	77.9	1.2	286	1.3
	Uttarakhand	1804	0	32.5	16.8	0.4	133	0.1
	HP	1411	0	25.4	20.4	-0.1	90	0.1
	J&K	2056	514	42.6	39.6	-1.4	69	10.1
	Chandigarh	178	0	2.9	3.0	-0.1	21	0.0
	Chhattisgarh	3187	0	68.7	5.0	-3.3	12	0.0
WR	Gujarat	13321	19	281.9	84.9	-1.3	326	0.0
	MP	11738	0	229.4	141.1	-1.5	677	0.3
	Maharashtra	19556	0	404.0	133.4	0.6	401	0.0
	Goa	440	0	9.3	7.7	1.0	70	0.0
	DD	311	0	6.5	6.3	0.2	58	0.0
	DNH	738	0	17.4	16.3	1.0	105	0.0
	Essar steel	433	0	8.6	8.7	0.0	209	0.0
	Andhra Pradesh	7914	0	157.8	64.4	3.1	567	-0.2
	Telangana	7512	0	152.1	58.1	0.7	418	-0.2
	Karnataka	8760	0	187.6	84.4	30.6	500	-0.3
SR	Kerala	3234	0	61.9	49.8	1.1	244	-0.1
	Tamil Nadu	11979	0	262.2	131.8	58.8	447	-0.4
	Pondy	295	0	6.0	6.5	-0.5	22	0.0
	Bihar	3809	0	63.9	59.0	-1.5	398	0.0
	DVC	2913	0	65.8	-37.6	0.0	345	0.0
ER	Jharkhand	1102	0	22.7	12.8	-0.5	112	0.3
	Odisha	3689	0	65.9	28.6	3.1	435	0.0
	West Bengal	5803	0	98.2	15.3	3.2	485	0.0
	Sikkim	88	0	1.7	1.6	0.1	20	0.0
	Arunachal Pradesh	117	7	2.3	2.0	0.2	12	0.1
NER	Assam	1343	15	21.9	16.8	0.5	115	0.3
	Manipur	165	6	2.4	2.8	-0.4	22	0.0
	Meghalaya	292	0	5.3	3.4	-0.3	26	0.0
	Mizoram	83	6	1.5	1.5	-0.1	17	0.0
	Nagaland	115	8	2.1	1.7	-0.1	31	0.0
Tripura	178	5	2.9	1.7	-0.3	46	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.0	-7.2	-2.2
Day peak (MW)	235.7	-380.8	-128.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	146.4	-139.5	80.9	-88.1	-2.1	-2.5
Actual(MU)	139.5	-154.7	48.7	-79.8	-4.2	-50.4
O/D/U/D(MU)	-6.8	-15.1	-32.2	8.4	-2.1	-47.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5214	16762	7932	2455	143	32507
State Sector	9705	18065	9550	5410	50	42780
Total	14919	34827	17482	7865	193	75287

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	500	1096	518	380	0	2494
Hydro	105	19	53	28	13	219
Nuclear	34	27	51	0	0	112
Gas, Naptha & Diesel	58	53	18	0	25	154
RES (Wind, Solar, Biomass & Others)	19	39	158	1	0	217
Total	717	1235	797	409	38	3196

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

सचिव (ऊर्जा)/संयुक्त सचिव (परिषद्)/(ओ एम)/निदेशक (ओ एम)/मुख्य अभियंता, के०वि०प्रा०(ग्रि०प्रा०)/
मुख्य कार्यपालक अधिकारी (पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 11-Dec-17
								Import=(+ve) /Export =(-ve) for NET (MU)
Sl 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	277	0.0	7.2	-7.2
2		SASARAM-FATEHPUR	S/C	0	161	0.0	1.0	-1.0
3		GAYA-BALIA	S/C	0	246	0.0	3.8	-3.8
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1
6	400 KV	PUSAULI-VARANASI	S/C	0	186	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	126	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	676	0.0	9.1	-9.1
9		PATNA-BALIA	Q/C	0	1146	0.0	20.7	-20.7
10		BIHARSHARIFF-BALIA	D/C	0	224	0.0	3.2	-3.2
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.4	0.0	4.4
12		BIHARSHARIFF-VARANASI	D/C	0	151	0.0	1.9	-1.9
13	220 KV	PUSAULI-SAHUPURI	S/C	0	109	0.0	2.3	-2.3
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	30	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						4.9	55.1	-50.2
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.6	0.0	10.6
19	400 KV	NEW RANCHI-DHARAMJAIGARH	D/C	0	639	0.0	4.4	-4.4
20		ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	90	0.8	0.0	0.8
21		JHARSUGUDA-RAIGARH	S/C	0	20	1.5	0.0	1.5
22		IBEUL-RAIGARH	S/C	0	0	1.5	0.0	1.5
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0
24		RANCHI-SIPAT	D/C	0	144	1.3	0.0	1.3
25		220 KV	BUDHIPADAR-RAIGARH	S/C	0	58	0.0	0.3
26	BUDHIPADAR-KORBA		D/C	0	0	2.3	0.0	2.3
ER-WR						18.1	4.6	13.5
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.9	-15.9
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	322.5	0.0	14.9	-14.9
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2103.5	0.0	40.9	-40.9
30	400 KV	TALCHER-I/C	D/C	0.0	909.5	0.0	13.1	-13.1
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	71.7	-71.7
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	955	0.0	5.7	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	774	0.0	5.6	-6
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.5	-2
ER-NER						0.0	12.8	-12.8
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	17.1	-17.1
NER-NR						0.0	17.1	-17.1
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1400	0.0	26.7	-26.7
37		V'CHAL B/B	D/C	150	150	2.5	1.2	1.3
38		APL -MHG	D/C	0	809	0.0	19.4	-19.4
39	765 KV	GWALIOR-AGRA	D/C	0	1682	0.0	30.9	-30.9
40		PHAGI-GWALIOR	D/C	0	1146	0.0	20.9	-20.9
41	400 KV	ZERDA-KANKROLI	S/C	286	13	2.6	0.0	2.6
42		ZERDA -BHINMAL	S/C	278	147	1.4	0.0	1.4
43		V'CHAL -RIHAND	S/C	492	0	11.4	0.0	11.4
44		RAPP-SHUJALPUR	D/C	0	90	0	1	-1
45	220 KV	BADOD-KOTA	S/C	128	0	1.4	0.0	1.4
46		BADOD-MORAK	S/C	54	43	0.3	0.2	0.1
47		MEHGAON-AURAIYA	S/C	84	0	1.5	0.0	1.5
48	132KV	MALANPUR-AURAIYA	S/C	48	0	0.7	0.0	0.7
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						21.9	100.6	-78.8
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	11.9	-11.9
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52		SOLAPUR-RAICHUR	D/C	0	1695	0.0	27.7	-27.7
53	765 KV	WARDHA-NIZAMABAD	D/C	0	1295	0.0	24.2	-24.2
54		KOLHAPUR-KUDGI	D/C	434	140	1.9	1.4	0.6
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	1.5	0.0	1.5
WR-SR						3.5	65.2	-61.8
TRANSNATIONAL EXCHANGE								
58		BHUTAN						5.0
59		NEPAL						-7.2
60		BANGLADESH						-2.2