



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: 3rd 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 02.12.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 02-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 2nd December 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

3-Dec-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	39751	45863	35199	17018	2334	140165
Peak Shortage (MW)	1094	0	0	150	51	1295
Energy Met (MU)	865	1074	777	311	39	3066
Hydro Gen(MU)	126	21	53	28	15	242
Wind Gen(MU)	8	53	52	-----	-----	113
Solar Gen (MU)*	2.95	13.93	27.50	0.61	0.03	45
Energy Shortage (MU)	11.9	0.0	0.0	0.5	0.6	13.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41651	50916	36405	16853	2279	143777

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	0.042	0.00	0.51	6.89	7.40	75.29	17.31

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	5250	0	103.5	35.6	-0.4	119	0.0
	Haryana	5999	0	117.6	57.0	0.7	206	0.0
	Rajasthan	10481	0	201.7	70.8	0.1	294	0.0
	Delhi	3369	0	58.3	45.6	-0.8	187	0.0
	UP	11686	180	277.4	88.7	-0.6	179	1.6
	Uttarakhand	1831	0	33.9	19.2	-0.8	76	0.0
	HP	1460	0	26.2	20.4	0.3	105	0.2
	J&K	2014	503	42.8	39.0	-0.9	176	10.1
WR	Chhattisgarh	187	0	3.2	3.3	-0.1	38	0.0
	Gujarat	3216	0	67.9	6.8	-1.2	227	0.0
	MP	14706	0	314.6	101.9	0.2	526	0.0
	Maharashtra	12007	0	236.0	152.7	-1.8	531	0.0
	Goa	20127	0	412.1	152.6	1.5	396	0.0
	DD	419	0	9.4	8.9	0.0	38	0.0
	DNH	315	0	7.0	6.5	0.6	60	0.0
	Essar steel	734	0	16.8	16.4	0.4	64	0.0
SR	Andhra Pradesh	497	0	10.3	9.8	0.5	209	0.0
	Telangana	7122	0	148.7	44.3	-3.1	586	0.0
	Karnataka	7246	0	146.8	54.6	-0.7	387	0.0
	Kerala	8967	0	183.2	79.8	2.1	522	0.0
	Tamil Nadu	3155	0	59.7	46.1	0.6	219	0.0
	Pondy	11892	0	232.8	142.6	-1.5	991	0.0
ER	Bihar	303	0	6.0	6.7	-0.7	33	0.0
	DVC	3582	0	59.5	54.1	-0.9	0	0.5
	Jharkhand	2972	0	66.9	-38.9	0.1	0	0.0
	Odisha	1030	0	22.7	13.9	-0.9	0	0.0
	West Bengal	3716	0	66.4	26.6	3.9	0	0.0
	Sikkim	5913	0	93.6	17.2	2.4	0	0.0
NER	Arunachal Pradesh	101	0	1.5	1.6	-0.1	0	0.0
	Assam	112	4	2.3	1.8	0.5	3	0.0
	Manipur	1395	21	22.2	18.3	0.2	68	0.4
	Meghalaya	170	8	2.5	2.7	-0.2	20	0.0
	Mizoram	314	0	5.8	3.4	-0.1	74	0.0
	Nagaland	88	4	1.3	1.3	0.0	21	0.1
Tripura	107	6	2.0	1.6	0.0	18	0.0	
		216	3	3.2	1.6	-0.2	7	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.2	-5.8	-10.3
Day peak (MW)	274.5	-310.9	-592.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	147.2	-129.5	77.4	-85.2	2.1	12.0
Actual(MU)	134.9	-120.6	66.0	-76.5	0.5	4.3
O/D/U/D(MU)	-12.3	8.9	-11.4	8.7	-1.6	-7.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4335	15231	2530	2315	525	24935
State Sector	10935	19055	12142	5870	50	48052
Total	15270	34286	14672	8185	574	72987

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	520	1075	474	376	0	2446
Hydro	126	20	53	28	15	242
Nuclear	34	27	58	0	0	119
Gas, Naptha & Diesel	58	46	14	0	23	141
RES (Wind, Solar, Biomass & Others)	13	67	122	1	0	204
Total	751	1236	721	406	38	3152

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(त्रि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting :	3-Dec-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	272	0.0	7.5	-7.5	
2		SASARAM-FATEHPUR	S/C	0	181	0.0	0.2	-0.2	
3		GAYA-BALIA	S/C	0	282	0.0	5.1	-5.1	
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	194	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	112	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	577	0.0	6.9	-6.9	
9		PATNA-BALIA	Q/C	0	1097	0.0	19.2	-19.2	
10		BIHARSHARIFF-BALIA	D/C	0	208	0.0	3.4	-3.4	
11		MOTHARI-GORAKHPUR	D/C	0	0	3.3	0.0	3.3	
12		BIHARSHARIFF-VARANASI	D/C	0	281	0.0	0.0	0.0	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	106	0.0	2.0	-2.0	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.7	0.0	0.7	
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						3.9	50.2	-46.3	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	421	4.4	0.0	4.4	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	492	0.0	2.0	-2.0	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	169	4.1	0.0	4.1	
21		JHARSUGUDA-RAIGARH	S/C	0	137	0.6	0.0	0.6	
22		IBEUL-RAIGARH	S/C	0	0	0.5	0.0	0.5	
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0	
24		RANCHI-SIPAT	D/C	0	165	0.0	2.0	-2.0	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	67	0.0	0.0	0.0	
26		BUDHIPADAR-KORBA	D/C	0	0	1.7	0.0	1.7	
ER-WR						11.3	4.0	7.3	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	19.5	-19.5	
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	322.5	0.0	14.8	-14.8	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	1873.3	0.0	22.4	-22.4	
30	400 KV	TALCHER-I/C	D/C	0.0	1262.7	0.0	18.6	-18.6	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	56.7	-56.7	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1275	0.0	8.2	-8	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1018	0.0	8.5	-8	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.9	-2	
ER-NER						0.0	18.6	-18.6	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	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	1000	0.0	23.9	-23.9	
37		V'CHAL B/B	D/C	250	0	6.0	0.0	6.0	
38		APL -MHG	D/C	0	1009	0.0	20.8	-20.8	
39	765 KV	GWALIOR-AGRA	D/C	0	2304	0.0	39.0	-39.0	
40		PHAGI-GWALIOR	D/C	0	1484	0.0	29.9	-29.9	
41	400 KV	ZERDA-KANKROLI	S/C	348	0	5.2	0.0	5.2	
42		ZERDA -BHINMAL	S/C	276	107	2.3	0.0	2.3	
43		V'CHAL -RIHAND	S/C	949	0	21.7	0.0	21.7	
44		RAPP-SHUJALPUR	D/C	0	332	0	1	-1	
45	220 KV	BADOD-KOTA	S/C	133	0	2.0	0.0	2.0	
46		BADOD-MORAK	S/C	71	4	0.5	0.0	0.5	
47		MEHGAON-AURAIYA	S/C	80	0	1.3	0.0	1.3	
48	132KV	MALANPUR-AURAIYA	S/C	42	5	0.5	0.0	0.5	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						39.6	114.9	-75.3	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	0	0.0	0.0	0.0	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52		SOLAPUR-RAICHUR	D/C	366	1386	0.0	16.8	-16.8	
53	765 KV	WARDHA-NIZAMABAD	D/C	0	1903	0.0	29.0	-29.0	
54	400 KV	KOLHAPUR-KUDGI	D/C	434	40	3.0	0.0	3.0	
55		KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
56	220 KV	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						4.5	45.7	-41.2	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						5.2	
59		NEPAL						-5.8	
60		BANGLADESH						-10.3	