



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: 7th 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 06.12.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 06-दिसम्बर - 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 4th 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

7-Dec-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	40395	43570	36988	17576	2401	140929
Peak Shortage (MW)	706	0	0	50	44	800
Energy Met (MU)	835	962	840	327	41	3005
Hydro Gen(MU)	106	22	62	27	14	231
Wind Gen(MU)	20	66	16	-----	-----	102
Solar Gen (MU)*	0.54	5.57	30.00	0.63	0.02	37
Energy Shortage (MU)	12.7	0.0	0.0	0.2	0.9	13.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	42467	45707	37941	17508	2428	142540

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	0.044	0.00	0.23	9.98	10.21	75.50	14.29

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	5468	0	103.2	34.5	-0.2	110	0.0
	Haryana	6342	100	115.6	62.2	2.0	213	0.1
	Rajasthan	9578	0	181.7	60.3	2.2	314	0.4
	Delhi	3618	0	62.9	49.4	0.0	155	0.0
	UP	12652	220	263.5	91.4	0.1	405	2.3
	Uttarakhand	1907	0	35.3	19.0	0.8	151	0.0
	HP	1529	0	26.9	21.0	0.4	93	0.1
	J&K	2252	563	42.2	39.5	-1.9	335	9.9
WR	Chhattisgarh	3289	0	66.6	16.5	-5.8	79	0.0
	Gujarat	12597	0	253.0	71.8	-0.5	390	0.0
	MP	10395	0	199.0	123.5	-2.9	301	0.0
	Maharashtra	19435	0	399.2	141.0	-0.7	552	0.0
	Goa	429	0	9.7	9.1	-0.1	15	0.0
	DD	325	0	7.2	6.5	0.6	39	0.0
	DNH	746	0	17.0	16.5	0.5	67	0.0
	Essar steel	542	0	10.3	9.9	0.4	203	0.0
SR	Andhra Pradesh	7530	0	158.9	53.6	4.3	557	0.0
	Telangana	7447	0	149.8	60.7	-0.8	598	0.0
	Karnataka	9086	0	192.6	89.7	4.6	557	0.0
	Kerala	3485	0	65.8	53.1	1.2	155	0.0
	Tamil Nadu	12828	0	266.2	146.3	-1.8	476	0.0
ER	Pondy	315	0	6.3	6.8	-0.5	24	0.0
	Bihar	3760	0	61.0	56.4	-1.6	50	0.0
	DVC	3187	0	67.0	-34.7	-2.0	210	0.0
	Jharkhand	1071	50	24.2	13.7	-0.1	100	0.2
	Odisha	3700	0	69.4	29.7	3.6	500	0.0
NER	West Bengal	6200	0	103.8	24.0	2.7	580	0.0
	Sikkim	92	0	1.6	1.6	0.0	30	0.0
	Arunachal Pradesh	124	4	2.2	1.8	0.4	3	0.0
	Assam	1425	14	22.4	18.0	1.1	68	0.8
	Manipur	178	0	2.7	2.5	0.1	20	0.1
	Meghalaya	327	3	6.1	3.3	0.6	74	0.0
	Mizoram	89	5	1.4	1.2	0.1	21	0.0
	Nagaland	126	4	2.2	1.6	0.2	18	0.0
	Tripura	215	4	4.0	1.5	1.0	7	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.2	-6.7	-11.5
Day peak (MW)	250.4	-400.9	-597.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	151.8	-176.1	87.9	-68.5	-0.4	-5.2
Actual(MU)	145.5	-190.8	91.4	-60.3	2.3	-11.9
O/D/U/D(MU)	-6.4	-14.7	3.5	8.2	2.7	-6.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4845	13942	3530	2105	275	24696
State Sector	11450	20860	11962	5620	50	49942
Total	16295	34802	15492	7725	324	74638

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	491	1000	445	380	0	2316
Hydro	106	21	50	27	14	218
Nuclear	34	27	68	0	0	129
Gas, Naptha & Diesel	54	48	11	0	23	135
RES (Wind, Solar, Biomass & Others)	23	72	56	1	0	152
Total	708	1168	630	409	36	2951

*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 :	7-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	288	0.0	7.0	-7.0	
2		SASARAM-FATEHPUR	S/C	0	132	0.7	0.0	0.7	
3		GAYA-BALIA	S/C	0	263	0.0	4.8	-4.8	
4	HVDC	ALIPURDUAR-AGRA	-	0	92	0.0	2.3	-2.3	
5		PUSAULI B/B	S/C	0	247	0.0	5.9	-5.9	
6	400 KV	PUSAULI-VARANASI	S/C	0	192	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	261	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	506	0.0	6.9	-6.9	
9		PATNA-BALIA	Q/C	0	935	0.0	16.7	-16.7	
10		BIHARSHARIFF-BALIA	D/C	0	194	0.0	2.7	-2.7	
11		MOTHARI-GORAKHPUR	D/C	0	0	4.7	0.0	4.7	
12		BIHARSHARIFF-VARANASI	D/C	0	254	0.0	0.4	-0.4	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	132	0.0	2.1	-2.1	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.4	0.0	0.4	
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
17		KARMANASA-CHANDALI	S/C	0	0	0.0	0.0	0.0	
ER-NR						5.9	48.8	-42.9	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	9.7	0.0	9.7	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	241	3.5	0.0	3.5	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	1.4	0.0	1.4	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.2	0.0	2.2	
22		IBEUL-RAIGARH	S/C	0	0	2.3	0.0	2.3	
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0	
24		RANCHI-SIPAT	D/C	0	0	3.2	0.0	3.2	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	58	0.0	0.0	0.0	
26		BUDHIPADAR-KORBA	D/C	0	0	1.9	0.0	1.9	
ER-WR						24.1	0.0	24.1	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.7	-16.7	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	322.5	0.0	14.9	-14.9	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1744.1	0.0	35.7	-35.7	
30	400 KV	TALCHER-I/C	D/C	0.0	1186.6	0.0	18.8	-18.8	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	67.3	-67.3	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1337	0.0	8.5	-9	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1080	0.0	7.8	-8	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.0	-2	
ER-NER						0.0	18.4	-18.4	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	700	0.0	16.5	-16.5	
NER-NR						0.0	16.5	-16.5	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	28.3	-28.3	
37		V'CHAL B/B	D/C	250	0	5.5	0.0	5.5	
38		APL -MHG	D/C	0	1010	0.0	21.3	-21.3	
39	765 KV	GWALIOR-AGRA	D/C	0	2704	0.0	47.2	-47.2	
40		PHAGI-GWALIOR	D/C	0	1542	0.0	30.1	-30.1	
41	400 KV	ZERDA-KANKROLI	S/C	206	0	3.3	0.0	3.3	
42		ZERDA -BHINMAL	S/C	241	111	1.6	0.0	1.6	
43		V'CHAL -RIHAND	S/C	952	0	21.2	0.0	21.2	
44		RAPP-SHUJALPUR	D/C	193	166	0	0	0	
45	220 KV	BADOD-KOTA	S/C	63	0	1.0	0.0	1.0	
46		BADOD-MORAK	S/C	16	38	0.0	0.3	-0.3	
47		MEHGAON-AURAIYA	S/C	64	26	0.9	0.0	0.8	
48		MALANPUR-AURAIYA	S/C	23	24	0.2	0.1	0.0	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						33.6	127.5	-93.9	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	12.0	-12.0	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1617	0.0	29.4	-29.4	
53		WARDHA-NIZAMABAD	D/C	0	1640	0.0	32.2	-32.2	
54	400 KV	KOLHAPUR-KUDGI	D/C	423	470	1.3	2.2	-0.9	
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						2.8	75.7	-72.9	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						5.2	
59		NEPAL						-6.7	
60		BANGLADESH						-11.5	