



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: 10th 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 09.12.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 09-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 9th 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

10-Dec-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	40171	45130	37530	17533	2357	142721
Peak Shortage (MW)	1261	58	0	0	65	1384
Energy Met (MU)	851	1036	865	320	41	3114
Hydro Gen(MU)	113	27	68	31	14	252
Wind Gen(MU)	3	25	17	-----	-----	45
Solar Gen (MU)*	0.68	13.88	36.10	0.43	0.00	51
Energy Shortage (MU)	14.8	3.3	-1.8	0.0	0.7	16.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44355	48871	38686	17350	2290	144911

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	0.075	0.00	2.94	18.63	21.57	70.19	8.24

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	5495	0	103.2	32.2	-0.2	139	0.0
	Haryana	6311	38	116.9	56.2	1.5	196	1.0
	Rajasthan	10224	232	196.9	81.7	5.2	473	2.7
	Delhi	3432	0	60.0	43.5	1.2	800	0.0
	UP	12751	110	263.4	84.3	1.7	868	0.9
	Uttarakhand	1874	0	34.9	18.8	0.6	193	0.1
	HP	1499	0	26.9	21.3	0.1	129	0.0
	J&K	2012	503	45.8	39.7	-1.6	76	10.0
WR	Chhattisgarh	188	0	3.2	3.4	-0.2	8	0.0
	Gujarat	3263	0	69.3	6.7	-2.2	12	0.0
	MP	13570	19	286.9	81.8	0.3	326	0.0
	Maharashtra	11773	0	226.8	141.7	0.3	677	0.3
	Goa	18953	1885	409.2	129.3	-1.0	401	2.9
	DD	426	0	9.9	8.6	0.7	70	0.0
	DNH	311	0	7.1	6.4	0.7	58	0.0
	Essar steel	744	0	17.5	16.5	1.0	105	0.0
SR	Andhra Pradesh	532	0	9.8	8.8	1.0	209	0.0
	Telangana	7791	0	156.8	61.3	2.8	443	-0.3
	Karnataka	7438	0	151.6	64.3	1.2	308	-0.3
	Kerala	9501	0	201.4	87.2	3.5	431	-0.4
	Tamil Nadu	3431	0	67.7	53.3	0.8	179	-0.2
	Pondy	13131	0	280.8	142.4	4.5	401	-0.6
ER	Bihar	320	0	6.6	7.0	-0.4	31	0.0
	DVC	3766	0	61.9	58.0	-2.6	385	0.0
	Jharkhand	3150	0	67.2	-35.4	-1.2	365	0.0
	Odisha	989	0	23.6	13.7	-0.7	105	0.0
	West Bengal	3935	0	63.5	26.1	3.2	425	0.0
	Sikkim	6006	0	102.4	18.5	3.0	445	0.0
NER	Arunachal Pradesh	103	0	1.7	1.7	0.0	20	0.0
	Assam	120	4	2.2	2.0	0.2	12	0.1
	Manipur	1413	36	23.2	17.9	0.7	115	0.4
	Meghalaya	170	4	2.3	2.8	-0.5	22	0.0
	Mizoram	321	0	6.0	3.4	-0.2	26	0.0
	Nagaland	86	4	1.6	1.5	0.0	17	0.0
Tripura	118	5	2.2	1.7	0.0	31	0.0	
		203	4	3.4	1.6	0.1	46	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.2	-6.2	-1.9
Day peak (MW)	231.7	-297.9	-128.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	153.6	-163.9	97.8	-86.4	-1.8	-0.7
Actual(MU)	148.6	-173.2	108.2	-83.2	-3.0	-2.5
O/D/U/D(MU)	-4.9	-9.3	10.4	3.2	-1.2	-1.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6114	16162	7682	2455	278	32692
State Sector	10365	18735	8940	5410	50	43500
Total	16479	34897	16622	7865	328	76192

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	512	1093	517	381	0	2503
Hydro	113	25	68	31	14	251
Nuclear	34	27	69	0	0	130
Gas, Naptha & Diesel	56	52	18	0	24	149
RES (Wind, Solar, Biomass & Others)	6	39	169	1	0	215
Total	719	1237	841	413	38	3248

*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 : 10-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	257	0.0	7.2	-7.2
2		SASARAM-FATEHPUR	S/C	0	190	0.0	1.1	-1.1
3		GAYA-BALIA	S/C	0	254	0.0	4.0	-4.0
4	HVDC	ALIPURDUAR-AGRA	-	0	85	0.0	0.6	-0.6
5		PUSAULI B/B	S/C	0	247	0.0	5.9	-5.9
6	400 KV	PUSAULI-VARANASI	S/C	0	197	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	107	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	604	0.0	8.1	-8.1
9		PATNA-BALIA	Q/C	0	1019	0.0	19.6	-19.6
10		BIHARSHARIFF-BALIA	D/C	0	206	0.0	3.3	-3.3
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.4	0.0	3.4
12		BIHARSHARIFF-VARANASI	D/C	0	165	0.0	1.0	-1.0
13	220 KV	PUSAULI-SAHUPURI	S/C	0	111	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	0.5	0.0	0.5
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						3.9	52.8	-48.9
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	11.3	0.0	11.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	632	0.0	2.7	-2.7
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	61	1.6	0.0	1.6
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.6	0.0	1.6
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	131	1.9	0.0	1.9
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	54	0.0	0.2	-0.2
26		BUDHIPADAR-KORBA	D/C	0	0	0.0	0.0	0.0
ER-WR						17.9	2.9	15.0
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	17.3	-17.3
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	458.9	0.0	14.0	-14.0
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2261.9	0.0	47.0	-47.0
30	400 KV	TALCHER-I/C	D/C	0.0	965.7	0.0	14.2	-14.2
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	78.4	-78.4
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	992	0.0	6.2	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	802	0.0	5.9	-6
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.7	-2
ER-NER						0.0	13.8	-13.8
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	17.0	-17.0
NER-NR						0.0	17.0	-17.0
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	0	250	0.0	1.1	-1.1
38		APL -MHG	D/C	0	809	0.0	19.4	-19.4
39	765 KV	GWALIOR-AGRA	D/C	0	2208	0.0	35.9	-35.9
40		PHAGI-GWALIOR	D/C	0	1376	0.0	28.0	-28.0
41	400 KV	ZERDA-KANKROLI	S/C	206	0	2.2	0.0	2.2
42		ZERDA -BHINMAL	S/C	172	186	0.0	0.2	-0.2
43		V'CHAL -RIHAND	S/C	958	0	22.3	0.0	22.3
44		RAPP-SHUJALPUR	D/C	0	0	0	2	-2
45	220 KV	BADOD-KOTA	S/C	126	0	1.4	0.0	1.4
46		BADOD-MORAK	S/C	55	38	0.2	0.2	-0.1
47		MEHGAON-AURAIYA	S/C	74	0	1.3	0.0	1.3
48		MALANPUR-AURAIYA	S/C	41	0	0.5	0.0	0.5
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						27.8	110.6	-82.8
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	1698	0.0	31.4	-31.4
53		WARDHA-NIZAMABAD	D/C	0	24	0.0	30.4	-30.4
54	400 KV	KOLHAPUR-KUDGI	D/C	360	166	1.4	1.9	-0.6
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						2.9	75.7	-72.8
TRANSNATIONAL EXCHANGE								
58		BHUTAN						5.2
59		NEPAL						-6.2
60		BANGLADESH						-1.9