



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: 4th 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 03.12.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 03-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 3rd December 2017, is available at the NLDC website.

धन्यवाद,



पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting

4-Dec-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	38701	43723	32938	16408	2251	134021
Peak Shortage (MW)	806	11	0	0	65	882
Energy Met (MU)	823	1045	744	306	39	2957
Hydro Gen(MU)	108	21	45	26	14	213
Wind Gen(MU)	4	55	37	-----	-----	96
Solar Gen (MU)*	2.69	13.35	32.60	0.65	0.03	49
Energy Shortage (MU)	10.0	0.0	0.0	0.0	0.5	10.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	40710	49048	33777	16398	2190	135553

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	0.048	0.00	0.30	9.65	9.95	71.01	19.04

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	5150	0	96.4	35.6	0.3	180	0.0
	Haryana	6029	0	109.0	53.8	2.2	196	0.0
	Rajasthan	10286	477	200.4	75.0	3.1	205	0.0
	Delhi	3315	0	58.0	44.3	0.2	111	0.1
	UP	12341	0	258.7	93.3	2.9	415	0.0
	Uttarakhand	1750	0	31.6	16.4	-0.7	220	0.2
	HP	1361	0	24.8	19.2	0.1	106	0.0
	J&K	2039	510	41.3	36.9	-0.2	192	9.7
WR	Chhattisgarh	167	0	2.9	3.2	-0.3	7	0.0
	Gujarat	3200	0	68.8	6.3	-0.6	42	0.0
	MP	13944	0	300.1	89.9	-2.4	297	0.0
	Maharashtra	11667	0	230.5	151.3	-0.8	602	0.0
	Goa	19712	0	404.2	143.7	1.6	408	0.0
	DD	391	0	8.8	7.6	0.7	90	0.0
	DNH	287	0	6.6	6.1	0.5	62	0.0
	Essar steel	722	0	17.0	16.2	0.7	56	0.0
SR	Andhra Pradesh	440	0	9.1	9.4	-0.3	140	0.0
	Telangana	7031	0	146.9	45.7	0.9	462	0.0
	Karnataka	6909	0	141.4	53.3	-0.8	451	0.0
	Kerala	8283	0	173.0	79.5	0.9	310	0.0
	Tamil Nadu	3050	0	57.1	42.0	0.6	222	0.0
	Pondy	10624	0	220.1	127.3	3.6	453	0.0
ER	Bihar	277	0	5.6	6.3	-0.7	15	0.0
	DVC	3622	0	59.1	54.9	-1.2	50	0.0
	Jharkhand	2882	0	66.3	-36.5	0.0	380	0.0
	Odisha	1042	0	24.0	13.8	-0.3	20	0.0
	West Bengal	3703	0	66.1	28.1	2.4	350	0.0
	Sikkim	5477	0	89.1	13.4	2.2	500	0.0
NER	Arunachal Pradesh	92	0	1.4	1.5	-0.2	8	0.0
	Assam	113	6	2.2	1.8	0.4	3	0.0
	Manipur	1342	29	21.5	17.2	0.3	68	0.3
	Meghalaya	152	9	2.4	2.8	-0.4	20	0.0
	Mizoram	300	1	5.7	3.4	-0.2	74	0.0
	Nagaland	85	4	1.5	1.4	0.1	21	0.0
Tripura	111	4	2.2	1.6	0.1	18	0.0	
		209	1	3.1	1.8	0.3	7	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.5	-4.0	-11.8
Day peak (MW)	271.7	-331.1	-603.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	143.1	-131.8	66.6	-80.4	0.9	-1.6
Actual(MU)	141.9	-134.9	64.8	-72.2	1.1	0.7
O/D/U/D(MU)	-1.2	-3.1	-1.8	8.2	0.2	2.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4335	14861	3200	2105	325	24825
State Sector	12085	18214	12892	6080	50	49321
Total	16420	33075	16092	8185	374	74146

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	497	1046	450	372	0	2365
Hydro	108	21	45	26	14	212
Nuclear	33	27	58	0	0	118
Gas, Naptha & Diesel	54	48	14	0	23	138
RES (Wind, Solar, Biomass & Others)	9	68	112	2	0	192
Total	700	1210	679	400	37	3026

*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 :	4-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	263	0.0	5.7	-5.7	
2		SASARAM-FATEHPUR	S/C	0	115	0.5	0.0	0.5	
3		GAYA-BALIA	S/C	0	264	0.0	3.8	-3.8	
4	HVDC	ALIPURDUAR-AGRA	-	0	91	0.0	1.8	-1.8	
5		PUSAULI B/B	S/C	0	247	0.0	5.9	-5.9	
6	400 KV	PUSAULI-VARANASI	S/C	0	196	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	106	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	511	0.0	6.6	-6.6	
9		PATNA-BALIA	Q/C	0	1026	0.0	18.8	-18.8	
10		BIHARSHARIFF-BALIA	D/C	0	194	0.0	2.9	-2.9	
11		MOTHARI-GORAKHPUR	D/C	0	0	3.6	0.0	3.6	
12		BIHARSHARIFF-VARANASI	D/C	0	228	0.2	0.0	0.2	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	106	0.0	1.9	-1.9	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.6	0.0	0.6	
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	47.3	-42.4	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	218	5.1	0.0	5.1	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	609	0.0	1.1	-1.1	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	144	0.7	0.0	0.7	
21		JHARSUGUDA-RAIGARH	S/C	0	85	0.7	0.0	0.7	
22		IBEUL-RAIGARH	S/C	0	0	0.8	0.0	0.8	
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0	
24		RANCHI-SIPAT	D/C	0	141	2.1	0.0	2.1	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	84	0.0	0.4	-0.4	
26		BUDHIPADAR-KORBA	D/C	0	0	2.2	0.0	2.2	
ER-WR						11.5	1.5	10.0	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.4	-15.4	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	322.5	0.0	13.8	-13.8	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1903.2	0.0	32.5	-32.5	
30	400 KV	TALCHER-I/C	D/C	0.0	1255.9	0.0	18.4	-18.4	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	61.8	-61.8	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1402	0.0	8.1	-8	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1133	0.0	8.0	-8	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.0	-2	
ER-NER						0.0	18.1	-18.1	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.7	-16.7	
NER-NR						0.0	16.7	-16.7	
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	24.2	-24.2	
39	765 KV	GWALIOR-AGRA	D/C	0	2192	0.0	36.5	-36.5	
40		PHAGI-GWALIOR	D/C	0	1470	0.0	29.2	-29.2	
41	400 KV	ZERDA-KANKROLI	S/C	254	0	3.4	0.0	3.4	
42		ZERDA -BHINMAL	S/C	169	193	0.4	0.0	0.4	
43		V'CHAL -RIHAND	S/C	962	0	21.5	0.0	21.5	
44		RAPP-SHUJALPUR	D/C	0	308	0	1	-1	
45	220 KV	BADOD-KOTA	S/C	144	0	2.0	0.0	2.0	
46		BADOD-MORAK	S/C	77	16	0.5	0.0	0.5	
47		MEHGAON-AURAIYA	S/C	86	0	1.4	0.0	1.4	
48	220 KV	MALANPUR-AURAIYA	S/C	45	0	0.5	0.0	0.5	
49		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	
WR-NR						35.8	115.3	-79.5	
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	21	963	0.0	16.2	-16.2	
53		WARDHA-NIZAMABAD	D/C	0	1413	0.0	22.4	-22.4	
54	400 KV	KOLHAPUR-KUDGI	D/C	300	8	3.9	0.0	3.9	
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						5.4	50.6	-45.2	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						5.5	
59		NEPAL						-4.0	
60		BANGLADESH						-11.8	