



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: 8th Nov 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 07.11.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 07-नवम्बर - 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 7th November 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 8-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	40313	47736	36162	18056	2379	144646
Peak Shortage (MW)	2128	45	1400	950	70	4593
Energy Met (MU)	853	1117	790	345	39	3145
Hydro Gen(MU)	126	30	71	56	18	300
Wind Gen(MU)	2	7	24	-----	-----	33
Solar Gen (MU)*	2.87	15.52	30.80	0.94	0.03	50
Energy Shortage (MU)	17.7	1.4	7.2	2.9	0.6	29.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41413	49990	37153	18422	2361	146951

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	0.156	1.60	8.38	35.65	45.63	52.04	2.34

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	4236	0	80.5	41.2	-0.1	185	0.0
	Haryana	6084	254	114.4	67.8	1.1	145	0.1
	Rajasthan	9949	383	207.2	63.9	2.9	411	8.4
	Delhi	3484	0	66.4	54.6	-1.1	138	0.0
	UP	12697	0	283.6	108.4	-0.8	345	0.0
	Uttarakhand	1726	0	33.8	14.9	0.7	115	0.0
	HP	1393	0	25.2	17.2	-0.2	116	0.0
	J&K	1864	466	39.2	33.9	-0.6	169	9.2
	Chandigarh	172	0	3.2	3.4	-0.2	7	0.0
WR	Chhattisgarh	3240	0	69.7	13.5	1.8	224	1.3
	Gujarat	14904	0	324.2	88.0	0.1	525	0.0
	MP	11152	16	237.4	168.9	1.3	457	0.0
	Maharashtra	21221	18	443.9	126.1	-0.1	314	0.1
	Goa	454	0	9.2	9.4	-0.2	81	0.0
	DD	327	0	7.3	6.4	0.9	74	0.0
	DNH	753	0	17.1	16.6	0.5	114	0.0
	Essar steel	439	0	8.4	8.7	-0.4	171	0.0
SR	Andhra Pradesh	7129	0	151.6	45.4	-3.8	413	0.0
	Telangana	7750	0	163.7	66.1	-0.7	429	0.0
	Karnataka	7420	1100	163.0	57.3	5.4	408	7.2
	Kerala	3394	0	64.2	46.4	0.1	164	0.0
	Tamil Nadu	11707	0	241.3	121.9	-4.7	454	0.0
	Pondy	320	0	6.4	6.7	-0.3	37	0.0
ER	Bihar	3695	200	65.3	56.4	3.5	412	1.2
	DVC	2874	210	62.7	-22.3	3.6	435	0.6
	Jharkhand	1006	100	21.3	14.5	1.2	185	0.4
	Odisha	3685	200	72.1	28.5	2.9	456	0.6
	West Bengal	7202	0	121.9	36.5	2.0	495	0.0
	Sikkim	105	0	1.4	1.3	0.1	20	0.0
NER	Arunachal Pradesh	115	1	2.3	1.8	0.4	43	0.0
	Assam	1451	34	22.1	14.8	2.9	268	0.5
	Manipur	173	0	2.2	2.5	-0.2	35	0.0
	Meghalaya	302	0	5.7	2.3	-0.2	40	0.0
	Mizoram	70	2	1.2	0.6	0.5	45	0.0
	Nagaland	122	1	2.1	1.5	0.1	28	0.0
Tripura	210	4	3.7	2.0	0.1	57	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	11.5	-2.8	-13.3
Day peak (MW)	511.5	-254.0	-645.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	144.4	-149.0	77.9	-66.7	-6.8	-0.1
Actual(MU)	126.6	-158.9	81.0	-48.1	-3.9	-3.2
O/D/U/D(MU)	-17.8	-9.9	3.1	18.6	2.9	-3.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2687	14299	4060	1745	143	22935
State Sector	12760	15180	11682	6885	50	46557
Total	15447	29479	15742	8630	193	69492

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	530	1184	492	360	0	2566
Hydro	126	30	71	56	18	300
Nuclear	33	16	50	0	0	99
Gas, Naptha & Diesel	54	57	18	0	23	152
RES (Wind, Solar, Biomass & Others)	8	22	93	1	0	124
Total	750	1309	724	416	41	3241

*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-केन्द्रीय(ओ एम/प्रेषण)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	8-Nov-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	180	0.0	4.1	-4.1	
2		SASARAM-FATEHPUR	S/C	0	42	2.1	0.0	2.1	
3		GAYA-BALIA	S/C	0	246	0.0	3.8	-3.8	
4	HVDC	ALIPURDUAR-AGRA	-	0	255	0.0	7.3	-7.3	
5		PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0	
6	400 KV	PUSAULI-VARANASI	S/C	0	223	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	92	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	532	0.0	6.8	-6.8	
9		PATNA-BALIA	Q/C	0	978	0.0	16.2	-16.2	
10		BIHARSHARIFF-BALIA	D/C	0	210	0.0	2.3	-2.3	
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.3	0.0	4.3	
12	BIHARSHARIFF-VARANASI	D/C	0	109	0.8	0.0	0.8		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	123	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	0	0.8	0.0	0.8	
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						8.0	48.8	-40.8	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	9.4	0.0	9.4	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	19	5.7	0.0	5.7	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.2	0.0	2.2	
21		JHARSUGUDA-RAIGARH	S/C	0	56	2.1	0.0	2.1	
22		IBEUL-RAIGARH	S/C	0	0	2.1	0.0	2.1	
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0	
24	220 KV	RANCHI-SIPAT	D/C	0	0	7.1	0.0	7.1	
25		BUDHIPADAR-RAIGARH	S/C	0	23	1.0	0.0	1.0	
26		BUDHIPADAR-KORBA	D/C	0	0	2.4	0.0	2.4	
ER-WR						32.0	0.0	32.0	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.2	-18.2	
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	317.1	0.0	13.8	-13.8	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2507.9	0.0	45.0	-45.0	
30	400 KV	TALCHER-I/C	D/C	0.0	1044.2	0.0	12.9	-12.9	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	77.0	-77.0	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1317	0.0	6.9	-7	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1078	0.0	3.8	-4	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.4	-1	
ER-NER						0.0	12.1	-12.1	
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	500	0.0	11.6	-11.6	
37		VCHAL B/B	D/C	500	0	12.2	0.0	12.2	
38		APL -MHG	D/C	0	1511	0.0	26.2	-26.2	
39	765 KV	GWALIOR-AGRA	D/C	0	2268	0.0	41.8	-41.8	
40		PHAGI-GWALIOR	D/C	0	1066	0.0	16.9	-16.9	
41	400 KV	ZERDA-KANKROLI	S/C	277	0	4.3	0.0	4.3	
42		ZERDA -BHINMAL	S/C	235	136	1.2	0.0	1.2	
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	310	0	1	-1	
45	220 KV	BADOD-KOTA	S/C	158	0	2.6	0.0	2.6	
46		BADOD-MORAK	S/C	83	0	1.1	0.0	1.1	
47		MEHGAON-AURAIYA	S/C	118	0	0.7	0.0	0.7	
48		MALANPUR-AURAIYA	S/C	71	0	1.6	0.0	1.6	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						23.7	98.0	-74.3	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	10.6	-10.6	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52		SOLAPUR-RAICHUR	D/C	0	1452	0.0	18.6	-18.6	
53	765 KV	WARDHA-NIZAMABAD	D/C	0	1820	0.0	31.0	-31.0	
54		KOLHAPUR-KUDGI	D/C	536	0	6.3	0.0	6.3	
55	400 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	2.0	0.0	2.0	
WR-SR						8.3	60.2	-51.9	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						11.5	
59		NEPAL						-2.8	
60		BANGLADESH						-13.3	