National Load Despatch Centre
राष्ट्रीय भार प्रेषण केंद्र
POWER SYSTEM OPERATION CORPORATION LIMITED
पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(Government of India Enterprise/ भारत सरकार का उद्यम)
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016
बी-9, क़ुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report दिनांक: 7th 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., डोंगतिएह, 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 06.11.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 06-नवम्बर - 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० की वेबसाइट पर उप्लब्ध 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 6th November 2017, is available at the NLDC website.

धन्यवाद,

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

Report for previous day **Date of Reporting** **7-Nov-17**

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	41482	47346	35713	18058	2383	144981
Peak Shortage (MW)	1497	292	1375	926	58	4147
Energy Met (MU)	865	1097	784	346	40	3132
Hydro Gen(MU)	126	28	72	53	17	295
Wind Gen(MU)	3	19	39	----------	----------	60
Solar Gen (MU)*	2.81	15.59	29.00	1.25	0.03	49
Energy Shortage (MU)	19.3	1.1	2.7	2.8	0.6	26.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	42496	49596	36945	18351	2336	146793

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	0.128	0.13	4.98	39.41	44.51	54.09	1.40

C. Power Supply Position in States

RegionRegion	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	5205	0	92.9	37.4	-0.6	95	0.0
	Haryana	6049	258	113.0	71.3	0.9	342	4.7
	Rajasthan	10410	0	208.5	64.8	-0.4	243	0.0
	Delhi	3466	0	66.0	54.3	-1.2	136	0.0
	UP	12839	770	281.9	109.5	0.4	205	5.3
	Uttarakhand	1851	0	35.8	15.1	1.9	227	0.0
	HP	1345	0	24.4	16.9	-0.3	54	0.0
	J&K	1877	469	39.5	36.0	-2.3	74	9.3
	Chandigarh	175	0	3.2	3.5	-0.3	10	0.0
WR	Chhattisgarh	3153	188	68.8	16.9	0.2	373	0.5
	Gujarat	14948	0	319.8	92.5	0.6	631	0.0
	MP	11215	30	235.8	166.3	1.5	389	0.6
	Maharashtra	21032	0	430.5	124.6	-3.0	480	0.0
	Goa	454	0	9.2	9.1	0.1	56	0.0
	DD	321	0	7.0	6.1	0.9	77	0.0
	DNH	766	0	16.7	16.4	0.3	67	0.0
	Essar steel	425	0	8.8	9.0	-0.2	123	0.0
SR	Andhra Pradesh	6879	0	152.6	52.8	-0.3	445	0.0
	Telangana	7266	0	156.5	49.6	-1.6	455	0.0
	Karnataka	7994	0	167.7	63.7	3.7	401	2.7
	Kerala	3385	0	63.0	46.4	0.4	176	0.0
	Tamil Nadu	11710	0	238.4	127.4	1.5	396	0.0
	Pondy	309	0	5.9	6.4	-0.5	29	0.0
ER	Bihar	3666	0	66.7	60.4	1.5	220	0.6
	DVC	3406	0	61.4	-22.6	2.4	225	1.4
	Jharkhand	1026	0	21.2	14.3	1.4	85	0.5
	Odisha	4057	0	73.1	32.3	3.8	250	0.0
	West Bengal	7222	0	122.3	33.2	3.7	250	0.4
	Sikkim	104	0	1.3	1.2	0.1	10	0.0
NER	Arunachal Pradesh	125	0	2.4	2.1	0.3	28	0.0
	Assam	1434	27	23.1	17.2	0.9	75	0.5
	Manipur	168	5	2.2	2.6	-0.4	23	0.0
	Meghalaya	322	0	5.5	2.5	-0.2	45	0.0
	Mizoram	84	0	1.3	1.3	-0.1	15	0.0
	Nagaland	119	1	2.1	1.6	0.0	28	0.0
	Tripura	214	0	3.6	2.4	-0.2	36	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	10.6	-3.1	-12.9
Day peak (MW)	510.1	-248.9	-632.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	151.5	-149.7	75.3	-73.2	-6.4	-2.5
Actual(MU)	143.0	-152.6	76.3	-58.1	-7.4	1.3
O/D/U/D(MU)	-8.5	-2.9	1.0	15.2	-1.0	3.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3358	14599	4480	1395	110	23942
State Sector	11850	15988	13122	6885	50	47895
Total	15208	30587	17602	8280	159	71837

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	532	1158	469	369	0	2528
Hydro	126	27	72	53	17	295
Nuclear	33	16	50	0	0	99
Gas, Naptha & Diesel	45	58	17	0	25	146
RES (Wind, Solar, Biomass & Others)	9	34	105	1	0	150
Total	746	1294	713	423	42	3218

*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(ग्रि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यो के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES

Date of Reporting : **7-Nov-17**

Sl 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	187	0.0	4.7	-4.7
2		SASARAM-FATEHPUR	S/C	0	66	1.9	0.0	1.9
3		GAYA-BALIA	S/C	0	248	0.0	3.6	-3.6
4	**HVDC**	ALIPURDUAR-AGRA	-	0	254	0.0	7.2	-7.2
5		PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1
6	**400 KV**	PUSAULI-VARANASI	S/C	0	217	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	98	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	585	0.0	7.5	-7.5
9		PATNA-BALIA	Q/C	0	891	0.0	15.9	-15.9
10		BIHARSHARIFF-BALIA	D/C	0	230	0.0	2.6	-2.6
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.8	0.0	3.8
12		BIHARSHARIFF-VARANASI	D/C	0	84	0.3	0.0	0.3
13	**220 KV**	PUSAULI-SAHUPURI	S/C	0	121	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	**6.8**	**49.8**	**-43.0**
Import/Export of ER (With WR)								
18	**765 KV**	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	50	6.5	0.0	6.5
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	251	3.2	0.0	3.2
20	**400 KV**	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	32	1.3	0.0	1.3
21		JHARSUGUDA-RAIGARH	S/C	0	4	1.2	0.0	1.2
22		IBEUL-RAIGARH	S/C	0	0	1.2	0.0	1.2
23		STERLITE-RAIGARH	D/C	0	41	1.0	0.0	1.0
24		RANCHI-SIPAT	D/C	0	0	4.7	0.0	4.7
25	**220 KV**	BUDHIPADAR-RAIGARH	S/C	0	24	0.7	0.0	0.7
26		BUDHIPADAR-KORBA	D/C	0	0	2.2	0.0	2.2
					ER-WR	**21.9**	**0.0**	**21.9**
Import/Export of ER (With SR)								
27	**765 KV**	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.9	-15.9
28	**HVDC LINK**	JEYPORE-GAZUWAKA B/B	D/C	0.0	456.2	0.0	15.3	-15.3
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2507.9	0.0	41.3	-41.3
30	**400 KV**	TALCHER-I/C	D/C	0.0	751.9	0.0	9.4	-9.4
31	**220 KV**	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
					ER-SR	**0.0**	**72.5**	**-72.5**
Import/Export of ER (With NER)								
32	**400 KV**	BINAGURI-BONGAIGAON	D/C	0	1063	0.0	5.2	-5
33		ALIPURDUAR-BONGAIGAON	D/C	0	885	0.0	2.2	-2
34	**220 KV**	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.3	-1
					ER-NER	**0.0**	**8.7**	**-8.7**
Import/Export of NER (With NR)								
35	**HVDC**	BISWANATH CHARIALI-AGRA	-	0	702	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	500	0.0	17.1	-17.1
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	2215	0.0	38.0	-38.0
39	**765 KV**	GWALIOR-AGRA	D/C	0	2260	0.0	38.8	-38.8
40		PHAGI-GWALIOR	D/C	0	1094	0.0	10.2	-10.2
41	**400 KV**	ZERDA-KANKROLI	S/C	140	51	4.3	0.0	4.3
42		ZERDA -BHINMAL	S/C	96	205	1.3	0.0	1.3
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	306	0	2	-2
45	**220 KV**	BADOD-KOTA	S/C	122	0	2.1	0.0	2.1
46		BADOD-MORAK	S/C	62	2	0.6	0.0	0.6
47		MEHGAON-AURAIYA	S/C	84	0	1.6	0.0	1.6
48		MALANPUR-AURAIYA	S/C	38	0	0.6	0.0	0.6
49	**132KV**	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
					WR-NR	**22.7**	**106.4**	**-83.7**
Import/Export of WR (With SR)								
50	**HVDC LINK**	BHADRAWATI B/B	-	0	1000	0.0	9.7	-9.7
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	**765 KV**	SOLAPUR-RAICHUR	D/C	21	1281	0.0	18.0	-18.0
53		WARDHA-NIZAMABAD	D/C	0	1341	0.0	26.9	-26.9
54	**400 KV**	KOLHAPUR-KUDGI	D/C	377	82	6.6	0.1	6.5
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	2.0	0.0	2.0
					WR-SR	**8.6**	**54.7**	**-46.2**
TRANSNATIONAL EXCHANGE								
58		BHUTAN						**10.6**
59		NEPAL						**-3.1**
60		BANGLADESH						**-12.9**