



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: 5th 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 04.11.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 04-नवम्बर - 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके 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 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

5-Nov-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	41984	45226	36111	17706	2276	143303
Peak Shortage (MW)	1248	0	0	0	215	1463
Energy Met (MU)	871	1077	819	335	41	3143
Hydro Gen(MU)	125	18	67	50	17	278
Wind Gen(MU)	6	51	43	-----	-----	99
Solar Gen (MU)*	3.51	14.94	26.90	0.74	0.03	46
Energy Shortage (MU)	10.4	1.2	8.0	0.0	1.3	20.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43282	47641	37604	18026	2257	147066

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	0.056	0.00	0.68	15.44	16.12	76.03	7.85

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	5293	0	94.3	38.8	-0.4	105	0.0
	Haryana	6387	0	116.6	69.1	2.0	257	0.0
	Rajasthan	10113	140	207.7	60.8	0.6	365	0.3
	Delhi	3313	0	64.7	53.7	0.7	200	0.0
	UP	13248	770	287.7	101.5	-0.6	311	0.5
	Uttarakhand	1680	0	33.1	13.9	0.5	141	0.1
	HP	1308	0	23.8	16.0	0.0	99	0.1
	J&K	1912	478	40.0	34.4	-0.6	103	9.4
WR	Chandigarh	164	0	3.0	3.5	-0.5	6	0.0
	Chhattisgarh	3226	0	69.7	19.8	-1.3	253	1.2
	Gujarat	14580	0	315.9	83.3	-0.7	460	0.0
	MP	11002	0	234.3	159.4	0.8	552	0.0
	Maharashtra	19697	0	413.6	117.5	1.1	433	0.0
	Goa	454	0	9.2	9.0	0.2	47	0.0
	DD	315	0	7.1	6.4	0.6	65	0.0
SR	DNH	745	0	16.7	16.7	0.1	40	0.0
	Essar steel	513	0	10.2	9.6	0.6	210	0.0
	Andhra Pradesh	7488	0	158.6	57.0	0.6	386	0.0
	Telangana	6851	0	151.8	47.0	-1.3	433	0.0
	Karnataka	8980	0	186.9	74.3	2.6	714	8.0
	Kerala	3278	0	65.8	48.3	1.2	284	0.0
ER	Tamil Nadu	11990	0	249.8	152.6	3.5	836	0.0
	Pondy	297	0	6.2	6.6	-0.4	19	0.0
	Bihar	3773	0	65.7	59.9	0.1	50	0.0
	DVC	3099	0	64.6	-23.8	2.5	230	0.0
	Jharkhand	1055	0	23.2	13.5	-0.5	30	0.0
NER	Odisha	3978	0	72.6	35.3	4.8	480	0.0
	West Bengal	6572	0	107.8	21.2	2.5	450	0.0
	Sikkim	87	0	1.2	1.1	0.1	25	0.0
	Arunachal Pradesh	115	10	2.5	1.9	0.6	7	0.0
	Assam	1341	177	22.8	17.4	0.1	139	1.1
	Manipur	163	7	2.1	2.5	-0.4	19	0.0
	Meghalaya	295	0	5.3	1.8	-0.1	59	0.0
ER	Mizoram	82	3	1.4	1.2	0.2	15	0.0
	Nagaland	121	4	2.2	1.5	0.2	19	0.0
	Tripura	210	2	4.9	2.0	1.6	75	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	11.5	-2.0	-11.1
Day peak (MW)	495.8	-262.8	-644.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	150.2	-135.9	73.4	-82.5	-6.4	-1.3
Actual(MU)	137.9	-142.4	81.2	-71.0	-5.3	0.5
O/D/U/D(MU)	-12.2	-6.4	7.8	11.5	1.1	1.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3772	15259	4270	1595	410	25305
State Sector	10595	16048	12552	6215	50	45460
Total	14367	31307	16822	7810	459	70765

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	544	1109	505	374	7	2539
Hydro	125	19	67	50	17	279
Nuclear	33	16	51	0	0	100
Gas, Naptha & Diesel	45	53	18	0	25	141
RES (Wind, Solar, Biomass & Others)	12	66	105	1	0	184
Total	759	1263	746	426	50	3243

*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 : 5-Nov-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	254	0.0	6.7	-6.7
2		SASARAM-FATEHPUR	S/C	0	91	0.5	0.0	0.5
3		GAYA-BALIA	S/C	0	275	0.0	4.1	-4.1
4	HVDC	ALIPURDUAR-AGRA	-	0	178	0.0	7.4	-7.4
5		PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0
6	400 KV	PUSAULI-VARANASI	S/C	0	216	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	108	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	616	0.0	10.2	-10.2
9		PATNA-BALIA	Q/C	0	994	0.0	19.4	-19.4
10		BIHARSHARIFF-BALIA	D/C	0	236	0.0	3.4	-3.4
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.8	0.0	3.8
12		BIHARSHARIFF-VARANASI	D/C	0	114	0.0	0.5	-0.5
13	220 KV	PUSAULI-SAHUPURI	S/C	0	124	0.0	2.5	-2.5
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						5.1	60.2	-55.0
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	8.2	0.0	8.2
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	229	3.5	0.0	3.5
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	5	2.1	0.0	2.1
21		JHARSUGUDA-RAIGARH	S/C	0	0	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	2.5	0.0	2.5
24		RANCHI-SIPAT	D/C	0	0	5.3	0.0	5.3
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	7	1.2	0.0	1.2
26		BUDHIPADAR-KORBA	D/C	0	0	2.4	0.0	2.4
ER-WR						29.4	0.0	29.4
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.3	-16.3
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	292.5	0.0	12.4	-12.4
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2034.7	0.0	43.4	-43.4
30	400 KV	TALCHER-I/C	D/C	0.0	945.7	0.0	11.8	-11.8
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	72.1	-72.1
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1218	0.0	6.0	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	1003	0.0	3.5	-3
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.5	-1
ER-NER						0.0	11.0	-11.0
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.8	-16.8
NER-NR						0.0	16.8	-16.8
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	500	0.0	11.7	-11.7
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	508	0.0	12.2	-12.2
39	765 KV	GWALIOR-AGRA	D/C	0	2338	0.0	42.4	-42.4
40		PHAGI-GWALIOR	D/C	0	1038	0.0	15.8	-15.8
41	400 KV	ZERDA-KANKROLI	S/C	156	101	1.0	0.0	1.0
42		ZERDA -BHINMAL	S/C	116	265	0.0	1.6	-1.6
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	308	0	2	-2
45		BADOD-KOTA	S/C	107	0	1.8	0.0	1.8
46	220 KV	BADOD-MORAK	S/C	38	15	0.3	0.1	0.2
47		MEHGAON-AURAIYA	S/C	71	0	1.4	0.0	1.4
48		MALANPUR-AURAIYA	S/C	32	0	0.5	0.0	0.5
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						17.1	85.8	-68.7
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	9.4	-9.4
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1269	0.0	20.9	-20.9
53		WARDHA-NIZAMABAD	D/C	0	1416	0.0	21.8	-21.8
54	400 KV	KOLHAPUR-KUDGI	D/C	384	112	3.7	0.3	3.4
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						5.7	52.3	-46.6
TRANSNATIONAL EXCHANGE								
58		BHUTAN						11.5
59		NEPAL						-2.0
60		BANGLADESH						-11.1