



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: 18th Feb 2018

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. महाप्रबंधक, ऊ.क्षे.भा.प्रे.के., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
General Manager, 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 17.02.2018.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 17-Feb - 2018 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 17th Feb 2018, 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

18-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	41276	43595	42665	18522	2373	148431
Peak Shortage (MW)	704	21	0	0	57	782
Energy Met (MU)	895	1026	967	353	40	3282
Hydro Gen(MU)	98	30	50	28	7	213
Wind Gen(MU)	3	19	19	-----	-----	40
Solar Gen (MU)*	6.25	18.44	51.25	1.48	0.02	77
Energy Shortage (MU)	11.5	0.0	0.0	0.0	0.6	12.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	51738	46596	44679	18514	2343	155050

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	0.041	0.05	0.37	8.89	9.31	81.63	9.06

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	5419	0	111.2	34.4	0.0	142	0.0
	Haryana	6408	19	119.9	67.6	1.9	231	0.0
	Rajasthan	11012	165	210.3	68.7	5.2	442	2.0
	Delhi	3532	0	60.7	48.3	-1.0	153	0.0
	UP	14195	290	281.8	97.5	2.3	912	0.0
	Uttarakhand	2007	0	36.3	27.6	0.4	146	0.0
	HP	1530	0	27.0	22.9	0.2	112	0.2
	J&K	2100	521	44.6	40.9	-0.5	133	9.2
WR	Chandigarh	199	0	3.2	3.2	0.0	17	0.0
	Chhattisgarh	3333	0	71.9	12.9	-1.3	80	0.0
	Gujarat	14152	0	304.3	121.3	3.7	312	0.0
	MP	9578	0	182.1	95.9	-8.8	244	0.0
	Maharashtra	20347	0	422.4	121.8	2.6	377	0.0
	Goa	449	0	9.9	8.9	0.6	38	0.0
	DD	327	0	6.8	6.3	0.5	83	0.0
	DNH	742	0	17.4	16.5	0.9	66	0.0
SR	Essar steel	558	0	11.4	10.9	0.5	237	0.0
	Andhra Pradesh	8667	0	173.4	58.9	-0.3	520	0.0
	Telangana	9531	0	195.6	91.4	-0.4	458	0.0
	Karnataka	9613	0	214.2	99.7	-1.3	421	0.0
	Kerala	3550	0	71.5	58.5	1.2	237	0.0
	Tamil Nadu	14000	0	305.4	172.9	1.4	576	0.0
ER	Pondy	334	0	6.9	7.4	-0.5	31	0.0
	Bihar	4047	0	67.2	60.8	-0.1	210	0.0
	DVC	3152	0	71.4	-47.4	0.2	225	0.0
	Jharkhand	1141	0	22.0	15.9	-0.1	48	0.0
	Odisha	4001	0	69.9	28.3	3.2	225	0.0
	West Bengal	6625	0	121.4	19.6	1.7	220	0.0
NER	Sikkim	98	0	1.6	1.5	0.0	10	0.0
	Arunachal Pradesh	112	3	1.9	1.8	0.1	79	0.1
	Assam	1402	32	23.2	19.0	0.8	100	0.5
	Manipur	188	2	2.5	2.6	-0.1	12	0.0
	Meghalaya	301	0	5.2	3.1	-0.2	52	0.0
	Mizoram	90	1	1.7	0.8	0.0	28	0.0
NER	Nagaland	122	1	2.1	1.9	0.1	66	0.0
	Tripura	233	0	3.4	2.1	-0.2	45	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.2	-10.1	-11.4
Day peak (MW)	88.1	-284.4	-618.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	185.4	-215.3	129.5	-104.3	3.9	-0.8
Actual(MU)	176.4	-219.1	121.5	-92.3	3.3	-10.3
O/D/U/D(MU)	-9.0	-3.8	-8.0	12.0	-0.6	-9.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4997	14821	4662	1080	328	25888
State Sector	10390	17647	5450	4555	50	38092
Total	15387	32468	10112	5635	378	63980

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	550	1119	605	445	9	2727
Hydro	98	29	50	28	7	212
Nuclear	29	3	69	0	0	101
Gas, Naptha & Diesel	21	49	19	0	23	112
RES (Wind, Solar, Biomass & Others)	36	37	113	3	0	189
Total	733	1237	857	475	40	3342

*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(मि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 18-Feb-18
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	389	0.0	10.9	-10.9
2		SASARAM-FATEHPUR	S/C	0	236	0.0	2.2	-2.2
3		GAYA-BALIA	S/C	0	366	0.0	6.0	-6.0
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	4.9	-4.9
6	400 kV	PUSAULI-VARANASI	S/C	0	162	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	117	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	591	0.0	9.0	-9.0
9		PATNA-BALIA	Q/C	0	1071	0.0	18.0	-18.0
10		BIHARSHARIFF-BALIA	D/C	0	360	0.0	6.3	-6.3
11		MOTHARI-GORAKHPUR	D/C	0	372	0.0	6.5	-6.5
12		BIHARSHARIFF-VARANASI	D/C	0	41	0.0	3.8	-3.8
13	220 kV	PUSAULI-SAHUPURI	S/C	0	171	0.0	4.3	-4.3
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.4	0.0	0.4
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						0.4	72.0	-71.6
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	3.3	0.0	3.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	430	0.0	4.3	-4.3
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	387	0.0	1.4	-1.4
21		RANCHI-SIPAT	D/C	0	118	0.2	0.0	0.2
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	141	0.0	1.5	-1.5
23		BUDHIPADAR-KORBA	D/C	0	0	1.2	0.0	1.2
ER-WR						4.7	7.1	-2.4
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	8.3	-8.3
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	446.6	0.0	16.6	-16.6
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2267.7	0.0	50.6	-50.6
27	400 kV	TALCHER-I/C	D/C	0.0	0.0	12.7	0.5	12.2
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	75.5	-75.5
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	52	4.8	0.0	5
30		ALIPURDUAR-BONGAIGAON	D/C	0	74	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.2	0
ER-NER						8.7	0.2	8.5
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	692	0	16.1	0.0	16.1
NER-NR						16.1	0.0	16.1
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1535	0.0	54.4	-54.4
34		V'CHAL B/B	D/C	250	0	4.8	0.0	4.8
35		APL -MHG	D/C	0	709	0.0	16.0	-16.0
36	765 kV	GWALIOR-AGRA	D/C	0	2876	0.0	55.8	-55.8
37		PHAGI-GWALIOR	D/C	484	1606	0.0	29.8	-29.8
38	400 kV	ZERDA-KANKROLI	S/C	236	59	2.6	0.0	2.6
39		ZERDA -BHINMAL	S/C	169	257	0.3	0.0	0.3
40		V'CHAL -RIHAND	S/C	968	0	22.5	0.0	22.5
41		RAPP-SHUJALPUR	D/C	0	570	0	4	-4
42	220 kV	BADOD-KOTA	S/C	79	12	0.8	0.0	0.8
43		BADOD-MORAK	S/C	34	44	0.3	0.2	0.1
44		MEHGAON-AURAIYA	S/C	205	0	2.0	0.0	2.0
45		MALANPUR-AURAIYA	S/C	42	14	0.5	0.0	0.5
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						33.8	160.2	-126.3
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.8	-23.8
48	LINK	176.42	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	0	1890	0.0	28.6	-28.6
50		WARDHA-NIZAMABAD	D/C	0	2570	0.0	45.9	-45.9
51	400 kV	KOLHAPUR-KUDGI	D/C	529	0	0.0	0.0	0.0
52	220 kV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
53		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
54		XELDEM-AMBEWADI	S/C	109	0	2.2	0.0	2.2
WR-SR						2.2	98.3	-96.0
TRANSNATIONAL EXCHANGE								
55		BHUTAN						2.2
56		NEPAL						-10.1
57		BANGLADESH						-11.4