



**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: 17<sup>th</sup> 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 16.02.2018.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 16-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 16<sup>th</sup> 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

17-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	41922	43458	43056	18310	2357	149103
Peak Shortage (MW)	522	21	0	0	65	609
Energy Met (MU)	902	1023	973	351	41	3289
Hydro Gen(MU)	96	27	51	25	8	207
Wind Gen(MU)	1	22	37	-----	-----	61
Solar Gen (MU)*	6.58	18.34	48.35	0.79	0.03	74
Energy Shortage (MU)	11.9	0.0	0.0	0.0	0.5	12.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44152	46140	44399	18312	2311	150873

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	0.037	0.00	0.20	7.23	7.43	82.73	9.84

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	5372	0	109.9	36.1	0.9	123	0.0
	Haryana	6431	0	122.5	69.5	1.4	203	0.0
	Rajasthan	10999	0	209.3	70.1	3.7	411	1.0
	Delhi	3809	0	64.8	52.3	-0.9	169	0.0
	UP	13363	0	283.9	94.3	-0.3	417	0.0
	Uttarakhand	1850	0	35.2	26.7	0.1	104	0.1
	HP	1536	2	27.8	23.2	0.8	299	0.0
	J&K	2153	538	45.6	41.7	-0.2	107	10.8
WR	Chandigarh	214	0	3.3	3.2	0.1	35	0.0
	Chhattisgarh	3371	0	71.3	12.9	-1.2	117	0.0
	Gujarat	13978	0	305.1	123.3	3.6	430	0.0
	MP	9489	0	182.1	87.6	-0.5	356	0.0
	Maharashtra	19990	0	418.1	119.2	1.6	329	0.0
	Goa	460	0	9.5	8.8	0.2	34	0.0
	DD	329	0	7.4	6.8	0.6	72	0.0
	DNH	749	0	17.6	16.9	0.7	48	0.0
SR	Essar steel	549	0	11.5	10.8	0.7	216	0.0
	Andhra Pradesh	8354	0	172.1	53.1	1.2	559	0.0
	Telangana	9622	0	195.2	88.6	0.0	440	0.0
	Karnataka	9812	0	214.5	97.1	0.0	395	0.0
	Kerala	3626	0	72.2	57.5	1.4	203	0.0
	Tamil Nadu	14195	0	311.6	171.5	2.2	510	0.0
ER	Pondy	358	0	7.1	7.5	-0.3	32	0.0
	Bihar	4045	0	69.4	61.0	1.9	400	0.0
	DVC	3103	0	69.2	-47.4	-1.0	550	0.0
	Jharkhand	1111	0	21.0	15.5	-1.0	100	0.0
	Odisha	3993	0	71.0	30.9	3.4	400	0.0
	West Bengal	6511	0	119.3	19.4	1.4	400	0.0
NER	Sikkim	91	0	1.2	1.5	-0.3	5	0.0
	Arunachal Pradesh	116	5	1.4	1.9	-0.5	79	0.0
	Assam	1353	66	22.7	19.5	-0.1	100	0.4
	Manipur	187	4	2.4	2.6	-0.2	12	0.0
	Meghalaya	302	3	6.4	3.2	-0.1	52	0.0
	Mizoram	88	1	1.5	0.8	0.2	28	0.0
NER	Nagaland	124	1	2.3	1.9	0.2	66	0.0
	Tripura	229	1	4.1	2.1	0.5	45	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.1	-10.5	-9.9
Day peak (MW)	116.8	-537.4	-609.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	185.3	-218.9	127.4	-98.1	4.6	0.4
Actual(MU)	176.4	-214.4	119.1	-88.2	3.4	-3.7
O/D/U/D(MU)	-8.9	4.4	-8.3	9.9	-1.2	-4.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4497	14821	4662	1080	278	25338
State Sector	10410	17957	5150	4555	50	38122
Total	14907	32778	9812	5635	328	63460

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	563	1138	594	436	10	2741
Hydro	96	26	51	25	8	206
Nuclear	29	3	69	0	0	101
Gas, Naptha & Diesel	21	48	19	0	23	112
RES (Wind, Solar, Biomass & Others)	34	41	129	2	0	206
Total	744	1257	861	463	40	3366

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

महाप्रबंधक (रा० भा० प्रे० के०)

<b>INTER-REGIONAL EXCHANGES</b>								Date of Reporting : <b>17-Feb-18</b>
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)
<b>Import/Export of ER (With NR)</b>								
1	765kV	GAYA-VARANASI	D/C	0	365	0.0	11.2	-11.2
2		SASARAM-FATEHPUR	S/C	0	225	0.0	1.9	-1.9
3		GAYA-BALIA	S/C	0	340	0.0	6.3	-6.3
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	196	0.0	4.3	-4.3
6	400 kV	PUSAULI-VARANASI	S/C	0	137	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	113	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	455	0.0	7.8	-7.8
9		PATNA-BALIA	Q/C	0	907	0.0	18.9	-18.9
10		BIHARSHARIFF-BALIA	D/C	0	332	0.0	7.3	-7.3
11		MOTIHARI-GORAKHPUR	D/C	0	327	0.0	6.2	-6.2
12		BIHARSHARIFF-VARANASI	D/C	0	74	0.0	4.2	-4.2
13	220 kV	PUSAULI-SAHUPURI	S/C	0	173	0.0	2.2	-2.2
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5
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
<b>ER-NR</b>						<b>0.5</b>	<b>70.3</b>	<b>-69.8</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	9.3	0.0	9.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	453	0.0	4.3	-4.3
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	163	2.1	0.0	2.1
21		RANCHI-SIPAT	D/C	0	94	0.6	0.0	0.6
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	152	0.0	2.0	-2.0
23		BUDHIPADAR-KORBA	D/C	0	0	3.5	0.0	3.5
<b>ER-WR</b>						<b>15.5</b>	<b>6.3</b>	<b>9.2</b>
<b>Import/Export of ER (With SR)</b>								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	21.0	-21.0
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	344.3	0.0	15.9	-15.9
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2259.2	0.0	45.0	-45.0
27	400 kV	TALCHER-I/C	D/C	0.0	0.0	9.5	0.7	8.8
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
<b>ER-SR</b>						<b>0.0</b>	<b>81.8</b>	<b>-81.8</b>
<b>Import/Export of ER (With NER)</b>								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	50	3.7	0.0	4
30		ALIPURDUAR-BONGAIGAON	D/C	0	72	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.4	0
<b>ER-NER</b>						<b>7.6</b>	<b>0.4</b>	<b>7.2</b>
<b>Import/Export of NER (With NR)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	700	0	13.4	0.0	13.4
<b>NER-NR</b>						<b>13.4</b>	<b>0.0</b>	<b>13.4</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1501	0.0	55.7	-55.7
34		V'CHAL B/B	D/C	200	0	4.8	0.0	4.8
35		APL -MHG	D/C	0	709	0.0	16.8	-16.8
36	765 kV	GWALIOR-AGRA	D/C	0	2600	0.0	54.5	-54.5
37		PHAGI-GWALIOR	D/C	483	1492	0.0	28.1	-28.1
38	400 kV	ZERDA-KANKROLI	S/C	180	0	2.8	0.0	2.8
39		ZERDA -BHINMAL	S/C	117	213	0.3	0.0	0.3
40		V'CHAL -RIHAND	S/C	969	0	22.4	0.0	22.4
41		RAPP-SHUJALPUR	D/C	0	502	0	4	-4
42	220 kV	BADOD-KOTA	S/C	68	0	0.7	0.0	0.7
43		BADOD-MORAK	S/C	34	45	0.1	0.4	-0.2
44		MEHGAON-AURAIYA	S/C	85	0	1.5	0.0	1.5
45		MALANPUR-AURAIYA	S/C	43	0	0.6	0.0	0.6
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>33.3</b>	<b>159.2</b>	<b>-125.9</b>
<b>Import/Export of WR (With SR)</b>								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9
48	LINK	176.42	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	0	1478	0.0	24.9	-24.9
50		WARDHA-NIZAMABAD	D/C	0	2010	0.0	40.1	-40.1
51	400 kV	KOLHAPUR-KUDGI	D/C	550	23	6.1	0.0	6.1
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
<b>WR-SR</b>						<b>8.3</b>	<b>88.9</b>	<b>-80.6</b>
<b>TRANSNATIONAL EXCHANGE</b>								
55		BHUTAN						<b>2.1</b>
56		NEPAL						<b>-10.5</b>
57		BANGLADESH						<b>-9.9</b>