



**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: 19<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., डोंगतेह, 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 18.02.2018.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 18-Feb - 2018 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट राभाप्रेके 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 18<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

19-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	38318	41279	39529	18200	2272	139598
Peak Shortage (MW)	521	20	0	0	31	572
Energy Met (MU)	864	1005	928	353	39	3189
Hydro Gen(MU)	95	26	40	26	7	194
Wind Gen(MU)	5	11	30	-----	-----	46
Solar Gen (MU)*	8.50	17.66	51.72	1.82	0.02	80
Energy Shortage (MU)	9.6	0.0	0.4	-0.1	0.5	10.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	42189	45521	42148	18213	2317	145360

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	0.028	0.00	0.00	3.62	3.62	83.39	12.99

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	4896	0	105.5	31.6	-0.9	122	0.0
	Haryana	6129	0	111.8	68.2	1.2	252	0.0
	Rajasthan	10922	0	208.3	73.1	4.3	477	0.4
	Delhi	3554	0	58.4	46.1	-1.1	185	0.0
	UP	14386	0	274.5	96.2	0.0	492	0.0
	Uttarakhand	1869	0	33.5	25.9	-0.4	141	0.0
	HP	1416	0	25.1	21.7	-0.2	145	0.0
	J&K	2831	420	44.4	40.9	-0.6	729	9.2
WR	Chandigarh	184	0	2.9	3.0	-0.1	21	0.0
	Chhattisgarh	3205	0	72.1	12.5	0.0	45	0.0
	Gujarat	13694	0	293.9	115.9	3.8	399	0.0
	MP	9633	0	183.7	98.9	-2.0	299	0.0
	Maharashtra	19941	0	409.9	119.1	1.5	613	0.0
	Goa	449	0	9.9	7.9	1.6	35	0.0
	DD	295	0	6.8	6.4	0.3	42	0.0
	DNH	739	0	17.3	16.7	0.6	53	0.0
SR	Essar steel	576	0	11.6	11.3	0.3	195	0.0
	Andhra Pradesh	8703	0	173.2	51.3	0.1	629	0.1
	Telangana	9309	0	194.4	92.4	-0.3	327	0.1
	Karnataka	9321	0	203.7	90.2	-1.2	514	0.1
	Kerala	3391	0	65.8	55.3	1.2	230	0.0
	Tamil Nadu	12510	0	284.5	163.7	0.8	475	0.1
ER	Pondy	301	0	6.5	6.9	-0.4	22	0.0
	Bihar	4202	0	68.4	61.6	0.3	220	0.0
	DVC	3072	0	69.0	-49.3	-1.1	220	0.0
	Jharkhand	1102	0	22.1	15.4	0.7	48	0.0
	Odisha	4044	0	76.2	38.0	2.9	225	0.0
	West Bengal	6348	0	115.7	17.2	1.5	225	0.0
NER	Sikkim	84	0	1.2	1.5	-0.3	12	0.0
	Arunachal Pradesh	109	3	1.9	1.8	0.1	79	0.1
	Assam	1340	19	22.3	18.4	0.9	100	0.3
	Manipur	182	2	2.4	2.6	-0.3	12	0.0
	Meghalaya	310	1	5.5	3.4	0.1	52	0.0
	Mizoram	84	2	1.3	0.7	-0.1	28	0.0
NER	Nagaland	126	4	2.0	1.8	0.1	66	0.1
	Tripura	220	1	3.4	2.1	-0.1	45	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.3	-12.5	-12.6
Day peak (MW)	100.1	-288.1	-620.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	186.4	-215.7	121.4	-95.2	3.3	0.3
Actual(MU)	182.0	-204.2	111.3	-88.2	3.1	4.0
O/D/U/D(MU)	-4.4	11.5	-10.2	6.9	-0.2	3.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4997	14821	4662	1080	328	25888
State Sector	10390	17955	6070	4555	50	39020
Total	15387	32776	10732	5635	378	64908

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	522	1115	571	436	9	2653
Hydro	95	25	40	26	7	193
Nuclear	29	23	69	0	0	121
Gas, Naptha & Diesel	21	45	20	0	23	108
RES (Wind, Solar, Biomass & Others)	40	29	126	3	0	198
Total	706	1238	825	465	39	3273

\*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(ग्रि०प्रा०)/  
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>19-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	404	0.0	12.0	-12.0
2		SASARAM-FATEHPUR	S/C	0	289	0.0	2.5	-2.5
3		GAYA-BALIA	S/C	0	369	0.0	5.9	-5.9
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	196	0.0	4.6	-4.6
6	400 kV	PUSAULI-VARANASI	S/C	0	132	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	132	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	518	0.0	9.5	-9.5
9		PATNA-BALIA	Q/C	0	938	0.0	19.1	-19.1
10		BIHARSHARIFF-BALIA	D/C	0	328	0.0	5.9	-5.9
11		MOTHARI-GORAKHPUR	D/C	0	341	0.0	6.5	-6.5
12		BIHARSHARIFF-VARANASI	D/C	0	7	0.0	4.3	-4.3
13		220 kV	PUSAULI-SAHUPURI	S/C	0	165	0.0	3.2
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.3	0.0	0.3
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>0.3</b>	<b>73.2</b>	<b>-72.9</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	0.7	0.0	0.7
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	515	0.0	5.2	-5.2
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	348	0.0	1.2	-1.2
21		RANCHI-SIPAT	D/C	0	141	0.0	0.4	-0.4
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	110	0.0	1.0	-1.0
23		BUDHIPADAR-KORBA	D/C	0	0	2.4	0.0	2.4
<b>ER-WR</b>						<b>3.1</b>	<b>7.9</b>	<b>-4.7</b>
<b>Import/Export of ER (With SR)</b>								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	0.2	-0.2
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	338.9	0.0	16.4	-16.4
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2262.1	0.0	51.9	-51.9
27	400 kV	TALCHER-I/C	D/C	0.0	0.0	12.6	0.5	12.1
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>68.6</b>	<b>-68.6</b>
<b>Import/Export of ER (With NER)</b>								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	15	5.0	0.0	5
30		ALIPURDUAR-BONGAIGAON	D/C	0	37	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.1	0
<b>ER-NER</b>						<b>8.9</b>	<b>0.1</b>	<b>8.8</b>
<b>Import/Export of NER (With NR)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	693	0	16.3	0.0	16.3
<b>NER-NR</b>						<b>16.3</b>	<b>0.0</b>	<b>16.3</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1539	0.0	50.7	-50.7
34		V'CHAL B/B	D/C	250	0	6.1	0.0	6.1
35		APL -MHG	D/C	0	808	0.0	17.1	-17.1
36	765 kV	GWALIOR-AGRA	D/C	0	2932	0.0	54.4	-54.4
37		PHAGI-GWALIOR	D/C	0	1692	0.0	31.1	-31.1
38	400 kV	ZERDA-KANKROLI	S/C	220	12	2.8	0.0	2.8
39		ZERDA -BHINMAL	S/C	158	188	0.6	0.0	0.6
40		V'CHAL -RIHAND	S/C	0	478	22.1	0.0	22.1
41		RAPP-SHUJALPUR	D/C	0	577	0	4	-4
42		BADOD-KOTA	S/C	62	20	0.8	0.0	0.7
43		BADOD-MORAK	S/C	36	47	0.3	0.2	0.1
44	220 kV	MEHGAON-AURAIYA	S/C	91	0	1.6	0.0	1.6
45		MALANPUR-AURAIYA	S/C	50	14	0.7	0.0	0.7
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>34.9</b>	<b>157.4</b>	<b>-122.5</b>
<b>Import/Export of WR (With SR)</b>								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.9	-21.9
48	LINK	176.42	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	31	1621	0.0	24.9	-24.9
50		WARDHA-NIZAMABAD	D/C	0	2411	0.0	44.6	-44.6
51	400 kV	KOLHAPUR-KUDGI	D/C	617	16	4.6	0.0	4.6
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>6.8</b>	<b>91.3</b>	<b>-84.5</b>
<b>TRANSNATIONAL EXCHANGE</b>								
55		BHUTAN						<b>2.3</b>
56		NEPAL						<b>-12.5</b>
57		BANGLADESH						<b>-12.6</b>