



**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: 16<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 15.02.2018.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 15-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 15<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

16-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	42256	43496	42486	17819	2379	148436
Peak Shortage (MW)	521	32	0	0	43	595
Energy Met (MU)	877	1007	951	360	40	3236
Hydro Gen(MU)	98	28	42	26	8	202
Wind Gen(MU)	5	69	61	-----	-----	135
Solar Gen (MU)*	6.33	17.86	45.05	0.89	0.03	70
Energy Shortage (MU)	9.3	0.1	0.8	0.0	0.4	10.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44111	45770	44198	17969	2329	150850

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	0.039	0.00	0.00	9.72	9.72	78.85	11.42

C. Power Supply Position in States

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	5265	0	107.6	35.7	0.1	93	0.0
	Haryana	6332	0	119.7	69.5	1.4	250	0.0
	Rajasthan	11302	0	202.4	66.8	3.0	418	0.0
	Delhi	3638	0	63.1	50.5	-0.9	154	0.0
	UP	14399	0	274.4	88.9	0.5	780	0.0
	Uttarakhand	2005	0	37.8	26.7	0.4	221	0.0
	HP	1517	2	27.6	23.6	0.2	130	0.0
	J&K	2038	501	41.0	42.0	-4.7	0	9.2
	Chandigarh	208	0	3.4	3.2	0.1	25	0.0
WR	Chhattisgarh	3259	0	69.3	1.5	0.1	94	0.1
	Gujarat	13482	0	298.8	110.6	2.8	559	0.0
	MP	9148	0	175.7	80.8	-1.4	243	0.0
	Maharashtra	19883	0	416.2	117.9	2.4	294	0.0
	Goa	487	0	9.7	8.8	0.5	42	0.0
	DD	327	0	7.3	6.9	0.4	47	0.0
	DNH	764	0	17.7	17.0	0.8	73	0.0
	Essar steel	567	0	12.3	12.4	-0.1	196	0.0
	SR	Andhra Pradesh	8415	0	169.3	51.9	-0.7	675
Telangana		9596	0	191.7	88.1	0.4	455	0.1
Karnataka		9755	0	211.2	93.6	-1.9	333	0.2
Kerala		3661	0	71.2	58.7	1.3	218	0.1
Tamil Nadu		13999	0	301.0	162.4	1.2	814	0.3
Pondy		341	0	7.0	7.5	-0.5	29	0.0
ER		Bihar	3877	0	67.2	59.5	1.4	250
	DVC	3000	0	69.3	-43.8	-1.0	250	0.0
	Jharkhand	1084	0	22.3	15.1	1.2	150	0.0
	Odisha	4325	0	78.6	32.3	5.4	550	0.0
	West Bengal	6306	0	121.9	16.6	1.8	300	0.0
	Sikkim	102	0	1.0	1.4	-0.4	7	0.0
NER	Arunachal Pradesh	118	3	2.3	1.7	0.6	79	0.0
	Assam	1399	20	22.3	18.5	0.7	100	0.3
	Manipur	189	2	2.4	2.6	-0.3	12	0.0
	Meghalaya	301	4	5.6	2.9	0.0	52	0.0
	Mizoram	84	1	1.6	0.7	0.4	28	0.0
	Nagaland	119	4	2.3	1.9	0.2	66	0.0
	Tripura	225	3	3.9	2.1	0.6	45	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.8	-10.6	-12.4
Day peak (MW)	248.3	-533.4	-620.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	180.5	-225.4	134.9	-89.5	3.3	3.8
Actual(MU)	176.4	-226.6	126.0	-77.8	3.6	1.7
OD/UD(MU)	-4.1	-1.2	-8.8	11.7	0.3	-2.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4717	14821	4872	1080	253	25743
State Sector	10260	18287	5360	5245	50	39202
Total	14977	33108	10232	6325	303	64945

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	544	1062	560	435	9	2610
Hydro	98	27	42	26	8	201
Nuclear	29	24	69	0	0	122
Gas, Naptha & Diesel	21	42	20	0	23	105
RES (Wind, Solar, Biomass & Others)	37	87	149	2	0	275
Total	729	1242	839	464	40	3314

\*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(परिषद्)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रिडिंग)/  
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

**INTER-REGIONAL EXCHANGES**

Date of Reporting : 16-Feb-18

Import=(+ve)  
/Export =(-ve)  
for NET (MU)

Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
<b>Import/Export of ER (With NR)</b>								
1	765kV	GAYA-VARANASI	D/C	0	337	0.0	8.7	-8.7
2		SASARAM-FATEHPUR	S/C	0	190	0.0	0.9	-0.9
3		GAYA-BALIA	S/C	0	349	0.0	5.8	-5.8
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	4.6	-4.6
6	400 kV	PUSAULI-VARANASI	S/C	0	155	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	109	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	447	0.0	6.1	-6.1
9		PATNA-BALIA	Q/C	0	906	0.0	17.6	-17.6
10		BIHARSHARIFF-BALIA	D/C	0	328	0.0	6.4	-6.4
11		MOTIHARI-GORAKHPUR	D/C	0	0	0.0	5.4	-5.4
12		BIHARSHARIFF-VARANASI	D/C	0	142	0.0	1.9	-1.9
13	220 kV	PUSAULI-SAHUPURI	S/C	0	167	0.0	3.1	-3.1
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
<b>ER-NR</b>						<b>0.4</b>	<b>60.5</b>	<b>-60.2</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.3	0.0	12.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	449	0.0	3.6	-3.6
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	0	7.2	0.0	7.2
21		RANCHI-SIPAT	D/C	0	78	1.1	0.0	1.1
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	139	0.0	2.0	-2.0
23		BUDHIPADAR-KORBA	D/C	0	0	3.6	0.0	3.6
<b>ER-WR</b>						<b>24.2</b>	<b>5.6</b>	<b>18.6</b>
<b>Import/Export of ER (With SR)</b>								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	21.6	-21.6
25	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	445.3	0.0	15.8	-15.8
26		TALCHER-KOLAR BIPOLE	D/C	0.0	2331.5	0.0	50.2	-50.2
27	400 kV	TALCHER-I/C	D/C	0.0	126.9	7.2	0.8	6.3
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>87.6</b>	<b>-87.6</b>
<b>Import/Export of ER (With NER)</b>								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	239	2.3	0.0	2
30		ALIPURDUAR-BONGAIGAON	D/C	0	228	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.5	0
<b>ER-NER</b>						<b>6.2</b>	<b>0.5</b>	<b>5.7</b>
<b>Import/Export of NER (With NR)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	486	0	10.5	0.0	10.5
<b>NER-NR</b>						<b>10.5</b>	<b>0.0</b>	<b>10.5</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1460	0.0	56.2	-56.2
34		V'CHAL B/B	D/C	250	50	3.6	0.4	3.2
35		APL -MHG	D/C	0	709	0.0	17.0	-17.0
36	765 kV	GWALIOR-AGRA	D/C	0	2618	0.0	53.0	-53.0
37		PHAGI-GWALIOR	D/C	477	1442	0.0	26.3	-26.3
38	400 kV	ZERDA-KANKROLI	S/C	226	37	2.5	0.0	2.5
39		ZERDA -BHINMAL	S/C	170	208	0.3	0.0	0.3
40		V'CHAL -RIHAND	S/C	954	0	21.7	0.0	21.7
41		RAPP-SHUJALPUR	D/C	0	425	0	4	-4
42	220 kV	BADOD-KOTA	S/C	51	15	0.6	0.0	0.6
43		BADOD-MORAK	S/C	31	57	0.2	0.3	0.0
44		MEHGAON-AURAIYA	S/C	78	0	1.3	0.0	1.3
45	132kV	MALANPUR-AURAIYA	S/C	80	0	0.5	0.0	0.5
46		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>30.9</b>	<b>156.8</b>	<b>-125.9</b>
<b>Import/Export of WR (With SR)</b>								
47	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	22.1	-22.1
48		176.42	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	0	1529	0.0	26.1	-26.1
50		WARDHA-NIZAMABAD	D/C	0	2174	0.0	43.7	-43.7
51	400 kV	KOLHAPUR-KUDGI	D/C	628	24	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>91.9</b>	<b>-83.6</b>
<b>TRANSNATIONAL EXCHANGE</b>								
55		BHUTAN						<b>2.8</b>
56		NEPAL						<b>-10.6</b>
57		BANGLADESH						<b>-12.4</b>