



**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: 10<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 09.02.2018.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 09-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 09<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

10-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	43945	43646	40891	18660	2371	149514
Peak Shortage (MW)	783	64	0	300	52	1198
Energy Met (MU)	946	1042	931	360	41	3319
Hydro Gen(MU)	95	24	62	31	9	220
Wind Gen(MU)	2	14	13	-----	-----	29
Solar Gen (MU)*	8.28	17.92	40.20	0.53	0.02	67
Energy Shortage (MU)	17.8	0.0	2.0	0.9	0.5	21.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	47564	48620	44177	18681	2343	155434

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	0.072	0.00	1.75	20.78	22.52	72.44	5.03

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	5995	0	128.1	45.8	-0.7	126	0.0
	Haryana	6985	33	130.7	68.6	1.9	232	0.1
	Rajasthan	10344	1888	208.1	70.2	4.3	406	6.4
	Delhi	3880	0	66.5	52.4	0.4	248	0.0
	UP	14751	520	298.1	104.2	-0.6	354	0.5
	Uttarakhand	2053	0	37.1	27.9	1.1	215	0.0
	HP	1555	0	28.1	22.7	1.8	313	0.0
	J&K	2183	546	45.8	42.8	-0.8	103	10.8
WR	Chandigarh	225	0	3.4	3.1	0.3	41	0.0
	Chhattisgarh	3402	0	77.3	10.3	-0.7	117	0.0
	Gujarat	13950	0	298.8	131.0	5.6	590	0.0
	MP	11132	0	209.8	115.0	-1.7	407	0.0
	Maharashtra	19994	0	411.0	122.5	-1.3	355	0.0
	Goa	474	0	9.7	8.8	0.3	38	0.0
	DD	328	0	7.4	7.0	0.4	54	0.0
	DNH	751	0	17.5	16.9	0.6	64	0.0
SR	Essar steel	467	0	10.2	10.2	0.0	164	0.0
	Andhra Pradesh	8219	0	170.3	57.3	1.1	520	0.4
	Telangana	9565	0	188.9	81.9	1.2	438	0.3
	Karnataka	10169	0	209.2	93.8	-2.4	509	0.4
	Kerala	3361	0	68.9	55.0	1.3	232	0.2
	Tamil Nadu	14000	0	286.3	167.2	-0.2	349	0.7
ER	Pondy	346	0	7.0	7.4	-0.4	29	0.0
	Bihar	4131	0	67.3	61.9	-0.8	220	0.0
	DVC	3054	0	69.7	-43.9	-2.0	225	0.0
	Jharkhand	1125	0	22.9	14.6	0.5	55	0.0
	Odisha	4268	0	79.0	36.8	2.6	250	0.9
	West Bengal	6694	0	119.4	20.2	1.3	220	0.0
NER	Sikkim	112	0	1.8	1.2	0.5	10	0.0
	Arunachal Pradesh	120	2	2.4	2.0	0.4	44	0.0
	Assam	1419	18	22.8	19.6	0.5	104	0.4
	Manipur	180	3	2.7	2.7	0.0	17	0.0
	Meghalaya	297	0	5.4	3.7	0.0	38	0.0
	Mizoram	90	1	1.6	0.9	0.0	24	0.0
NER	Nagaland	117	4	2.3	2.0	0.2	40	0.0
	Tripura	227	2	3.7	2.2	-0.2	43	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.9	-10.2	-9.2
Day peak (MW)	114.6	-293.6	-602.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	202.3	-219.0	122.0	-94.0	2.7	13.9
Actual(MU)	195.0	-243.9	127.7	-82.1	2.0	-1.4
O/D/U/D(MU)	-7.3	-24.9	5.7	11.9	-0.7	-15.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4717	12581	5522	1430	341	24591
State Sector	10610	17532	6290	5245	50	39727
Total	15327	30113	11812	6675	391	64318

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	589	1183	580	438	10	2800
Hydro	95	23	62	31	8	219
Nuclear	29	24	69	0	0	121
Gas, Naptha & Diesel	22	45	18	0	24	109
RES (Wind, Solar, Biomass & Others)	37	32	99	2	0	169
Total	771	1307	828	470	42	3418

\*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>10-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	335	0.0	8.2	-8.2
2		SASARAM-FATEHPUR	S/C	0	116	0.1	0.0	0.1
3		GAYA-BALIA	S/C	0	355	0.0	5.2	-5.2
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	337	0.0	8.3	-8.3
6	400 kV	PUSAULI-VARANASI	S/C	0	249	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	153	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	342	0.0	4.6	-4.6
9		PATNA-BALIA	Q/C	0	926	0.0	13.9	-13.9
10		BIHARSHARIFF-BALIA	D/C	0	297	0.0	4.1	-4.1
11		MOTHARI-GORAKHPUR	D/C	0	0	0.0	6.2	-6.2
12		BIHARSHARIFF-VARANASI	D/C	0	252	0.0	0.9	-0.9
13		220 kV	PUSAULI-SAHUPURI	S/C	0	164	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	0.4	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>0.5</b>	<b>54.7</b>	<b>-54.2</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	17.1	0.0	17.1
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	450	0.0	3.9	-3.9
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	0	8.4	0.0	8.4
21		RANCHI-SIPAT	D/C	0	102	0.8	0.0	0.8
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	89	0.0	0.7	-0.7
23		BUDHIPADAR-KORBA	D/C	0	0	4.7	0.0	4.7
<b>ER-WR</b>						<b>31.0</b>	<b>4.6</b>	<b>26.4</b>
<b>Import/Export of ER (With SR)</b>								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	19.4	-19.4
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	347.1	0.0	15.2	-15.2
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2405.3	0.0	51.1	-51.1
27	400 kV	TALCHER-I/C	D/C	0.0	834.4	0.0	12.1	-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>85.7</b>	<b>-85.7</b>
<b>Import/Export of ER (With NER)</b>								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1080	0.0	5.9	-6
30		ALIPURDUAR-BONGAIGAON	D/C	0	877	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.1	-2
<b>ER-NER</b>						<b>3.9</b>	<b>8.0</b>	<b>-4.1</b>
<b>Import/Export of NER (With NR)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	501	0.0	9.6	-9.6
<b>NER-NR</b>						<b>0.0</b>	<b>9.6</b>	<b>-9.6</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1437	0.0	56.5	-56.5
34		V'CHAL B/B	D/C	250	0	5.5	0.0	5.5
35		APL -MHG	D/C	0	1211	0.0	21.7	-21.7
36	765 kV	GWALIOR-AGRA	D/C	0	2688	0.0	53.3	-53.3
37		PHAGI-GWALIOR	D/C	0	1540	0.0	31.0	-31.0
38	400 kV	ZERDA-KANKROLI	S/C	242	0	3.1	0.0	3.1
39		ZERDA -BHINMAL	S/C	192	149	0.6	0.0	0.6
40		V'CHAL -RIHAND	S/C	0	487	23.0	0.0	23.0
41		RAPP-SHUJALPUR	D/C	0	375	0	3	-3
42	220 kV	BADOD-KOTA	S/C	101	0	1.1	0.0	1.1
43		BADOD-MORAK	S/C	54	32	0.3	0.1	0.2
44		MEHGAON-AURAIYA	S/C	95	0	1.6	0.0	1.6
45		MALANPUR-AURAIYA	S/C	52	0	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>35.9</b>	<b>165.8</b>	<b>-129.9</b>
<b>Import/Export of WR (With SR)</b>								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	0	1606	0.0	28.1	-28.1
50		WARDHA-NIZAMABAD	D/C	0	2042	0.0	40.9	-40.9
51	400 kV	KOLHAPUR-KUDGI	D/C	615	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	89	0	1.3	0.0	1.3
<b>WR-SR</b>						<b>1.3</b>	<b>93.0</b>	<b>-91.7</b>
<b>TRANSNATIONAL EXCHANGE</b>								
55		BHUTAN						<b>1.9</b>
56		NEPAL						<b>-10.2</b>
57		BANGLADESH						<b>-9.2</b>