



**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: 04<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 03.02.2018.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 03-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 03<sup>rd</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

4-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	42788	45139	40179	18570	2439	149115
Peak Shortage (MW)	982	11	0	0	32	1025
Energy Met (MU)	910	1063	912	359	42	3286
Hydro Gen(MU)	94	24	50	28	7	203
Wind Gen(MU)	5	26	43	-----	-----	74
Solar Gen (MU)*	5.95	17.16	53.89	0.70	0.02	78
Energy Shortage (MU)	16.1	0.0	0.6	0.0	0.3	17.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	45279	50319	42867	18646	2416	153130

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	4.16	4.16	86.06	9.78

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	5408	0	109.2	35.7	-0.2	100	0.0
	Haryana	6450	38	125.0	62.1	2.3	221	1.5
	Rajasthan	11157	649	213.3	79.5	5.4	519	4.5
	Delhi	3592	0	61.0	43.2	-1.1	209	0.0
	UP	14130	780	293.3	98.2	1.3	789	0.0
	Uttarakhand	2112	0	36.0	28.4	0.0	112	0.0
	HP	1437	0	27.2	22.3	1.2	183	0.2
	J&K	2016	504	42.2	39.6	-1.1	59	10.0
WR	Chhattisgarh	205	0	3.3	3.0	0.3	24	0.0
	Chhattisgarh	3356	0	77.9	6.6	1.3	105	0.0
	Gujarat	13713	0	299.8	135.9	0.5	366	0.0
	MP	11396	0	215.9	122.7	-2.7	265	0.0
	Maharashtra	20898	0	424.8	130.6	1.2	445	0.0
	Goa	435	0	10.0	8.9	0.5	51	0.0
	DD	325	0	7.2	6.8	0.4	71	0.0
	DNH	752	0	17.1	16.8	0.3	60	0.0
SR	Essar steel	489	0	9.8	10.2	-0.5	178	0.0
	Andhra Pradesh	8471	0	167.6	43.2	-0.5	592	0.1
	Telangana	9262	0	186.2	78.1	-0.5	241	0.1
	Karnataka	9773	0	207.2	89.5	-1.7	400	0.1
	Kerala	3356	0	65.4	54.6	1.4	239	0.1
	Tamil Nadu	13593	0	278.6	150.4	0.7	386	0.2
ER	Pondy	330	0	6.6	7.1	-0.5	20	0.0
	Bihar	3913	0	69.7	65.9	-1.4	402	0.0
	DVC	3017	0	67.9	-43.9	-0.2	365	0.0
	Jharkhand	1185	0	24.7	14.2	0.2	125	0.0
	Odisha	4191	0	75.0	19.1	2.8	365	0.0
	West Bengal	6697	0	120.1	19.8	3.1	435	0.0
NER	Sikkim	99	0	1.8	1.6	0.2	20	0.0
	Arunachal Pradesh	118	7	2.4	1.9	0.5	44	0.0
	Assam	1396	22	23.8	20.3	1.3	104	0.2
	Manipur	181	3	2.6	2.8	-0.2	17	0.0
	Meghalaya	333	2	6.0	4.2	-0.1	38	0.0
	Mizoram	95	2	1.9	1.1	-0.2	24	0.0
NER	Nagaland	129	6	2.0	2.0	-0.1	40	0.0
	Tripura	235	2	3.6	2.1	0.1	43	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.4	-9.9	-10.7
Day peak (MW)	133.4	-462.9	-630.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	182.6	-202.9	115.9	-99.6	4.6	0.6
Actual(MU)	178.4	-204.2	115.9	-94.3	4.9	0.7
O/D/U/D(MU)	-4.2	-1.3	0.0	5.3	0.3	0.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4927	11791	4802	1220	240	22980
State Sector	10685	16915	6274	4345	50	38269
Total	15612	28706	11076	5565	289	61249

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	566	1160	538	444	10	2718
Hydro	94	23	50	28	7	203
Nuclear	29	24	69	0	0	122
Gas, Naptha & Diesel	27	45	20	0	24	115
RES (Wind, Solar, Biomass & Others)	38	43	140	2	0	223
Total	754	1294	817	474	41	3380

\*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(मि०प्र०)/  
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>4-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	347	0.0	8.4	-8.4
2		SASARAM-FATEHPUR	S/C	0	160	0.0	0.3	-0.3
3		GAYA-BALIA	S/C	0	378	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	248	0.0	6.0	-6.0
6	400 kV	PUSAULI-VARANASI	S/C	0	190	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	137	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	342	0.0	3.5	-3.5
9		PATNA-BALIA	Q/C	0	864	0.0	14.5	-14.5
10		BIHARSHARIFF-BALIA	D/C	0	299	0.0	3.9	-3.9
11		MOTIHARI-GORAKHPUR	D/C	0	0	0.0	4.7	-4.7
12		BIHARSHARIFF-VARANASI	D/C	0	278	0.0	0.7	-0.7
13	220 kV	PUSAULI-SAHUPURI	S/C	0	157	0.0	2.8	-2.8
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>50.5</b>	<b>-50.1</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	18.1	0.0	18.1
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	377	0.0	1.0	-1.0
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	40	3.5	0.0	3.5
21		RANCHI-SIPAT	D/C	0	40	2.4	0.0	2.4
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	204	0.0	3.2	-3.2
23		BUDHIPADAR-KORBA	D/C	0	0	1.5	0.0	1.5
<b>ER-WR</b>						<b>25.5</b>	<b>4.2</b>	<b>21.3</b>
<b>Import/Export of ER (With SR)</b>								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	21.7	-21.7
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	345.7	0.0	13.5	-13.5
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2252.9	0.0	47.5	-47.5
27	400 kV	TALCHER-I/C	D/C	0.0	938.2	0.0	13.4	-13.4
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>82.7</b>	<b>-82.7</b>
<b>Import/Export of ER (With NER)</b>								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	952	0.0	5.7	-6
30		ALIPURDUAR-BONGAIGAON	D/C	0	771	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.3	-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	-	331	500	0.0	6.9	-6.9
<b>NER-NR</b>						<b>0.0</b>	<b>6.9</b>	<b>-6.9</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1727	0.0	47.4	-47.4
34		V'CHAL B/B	D/C	250	250	5.1	0.7	4.4
35		APL -MHG	D/C	0	806	0.0	16.0	-16.0
36	765 kV	GWALIOR-AGRA	D/C	0	2700	0.0	53.6	-53.6
37		PHAGI-GWALIOR	D/C	482	1680	0.0	33.7	-33.7
38	400 kV	ZERDA-KANKROLI	S/C	188	0	2.6	0.0	2.6
39		ZERDA -BHINMAL	S/C	163	173	0.5	0.0	0.5
40		V'CHAL -RIHAND	S/C	966	0	22.3	0.0	22.3
41		RAPP-SHUJALPUR	D/C	0	1906	0	3	-3
42	220 kV	BADOD-KOTA	S/C	67	2	0.7	0.0	0.7
43		BADOD-MORAK	S/C	58	38	0.2	0.4	-0.3
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>33.4</b>	<b>154.7</b>	<b>-121.2</b>
<b>Import/Export of WR (With SR)</b>								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	22.8	-22.8
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	396	1226	0.0	14.4	-14.4
50		WARDHA-NIZAMABAD	D/C	0	2912	0.0	35.3	-35.3
51	400 kV	KOLHAPUR-KUDGI	D/C	373	41	4.1	0.0	4.1
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	89	0	1.3	0.0	1.3
<b>WR-SR</b>						<b>5.4</b>	<b>72.6</b>	<b>-67.2</b>
<b>TRANSNATIONAL EXCHANGE</b>								
55		BHUTAN						<b>1.4</b>
56		NEPAL						<b>-9.9</b>
57		BANGLADESH						<b>-10.7</b>