



**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: 06<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 05.02.2018.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 05-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 05<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

6-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	43539	44473	40384	18713	2412	149522
Peak Shortage (MW)	641	22	0	0	58	721
Energy Met (MU)	910	1048	905	354	41	3258
Hydro Gen(MU)	96	18	45	28	8	195
Wind Gen(MU)	15	34	45	-----	-----	93
Solar Gen (MU)*	6.70	13.09	51.03	0.73	0.02	72
Energy Shortage (MU)	14.2	0.2	0.4	0.0	0.6	15.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44971	49176	42730	18729	2370	151923

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	0.032	0.00	0.00	5.08	5.08	81.89	13.03

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	5481	0	109.0	34.1	0.4	110	0.0
	Haryana	6328	88	123.4	61.0	1.9	225	0.2
	Rajasthan	11307	0	211.7	73.8	3.4	402	3.8
	Delhi	3725	0	63.8	46.6	-1.0	228	0.0
	UP	14972	0	293.4	99.3	0.4	801	0.0
	Uttarakhand	1968	0	35.7	27.9	-0.1	127	0.0
	HP	1473	0	26.5	21.8	0.9	287	0.0
	J&K	2055	514	43.4	41.1	-1.7	38	10.2
WR	Chandigarh	213	0	3.4	3.1	0.3	29	0.0
	Chhattisgarh	3361	234	74.0	9.4	-0.2	233	0.2
	Gujarat	13795	0	292.5	132.2	1.9	531	0.0
	MP	11239	0	212.4	111.9	-1.0	251	0.0
	Maharashtra	20637	0	424.7	132.5	0.6	767	0.0
	Goa	453	0	9.6	8.7	0.2	74	0.0
	DD	324	0	7.1	6.7	0.4	79	0.0
	DNH	750	0	17.3	16.7	0.6	67	0.0
SR	Essar steel	482	0	10.1	10.4	-0.2	143	0.0
	Andhra Pradesh	8350	0	166.0	46.3	0.8	480	0.1
	Telangana	9183	0	180.9	76.1	1.2	358	0.1
	Karnataka	9603	0	205.3	85.8	0.5	524	0.1
	Kerala	3474	0	67.2	55.1	2.1	235	0.0
	Tamil Nadu	14043	0	278.9	156.3	0.3	508	0.1
ER	Pondy	321	0	6.4	6.9	-0.5	21	0.0
	Bihar	4142	0	68.0	64.9	-1.7	300	0.0
	DVC	3476	0	67.9	-41.9	-1.6	200	0.0
	Jharkhand	1142	0	24.6	13.6	0.4	50	0.0
	Odisha	4260	0	76.6	20.4	3.1	310	0.0
	West Bengal	6550	0	115.1	27.0	2.2	280	0.0
NER	Sikkim	99	0	1.8	1.5	0.3	40	0.0
	Arunachal Pradesh	125	3	2.4	2.1	0.3	44	0.0
	Assam	1410	47	23.1	20.1	0.5	104	0.5
	Manipur	188	0	2.6	2.8	-0.2	17	0.0
	Meghalaya	305	0	5.5	4.2	-0.2	38	0.0
	Mizoram	92	0	1.8	1.2	-0.3	24	0.0
NER	Nagaland	111	3	2.0	1.9	0.0	40	0.0
	Tripura	224	0	3.7	2.3	0.2	43	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.3	-8.6	-8.8
Day peak (MW)	123.2	-462.0	-632.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	186.1	-218.7	114.1	-81.7	4.2	4.0
Actual(MU)	177.8	-215.4	109.1	-74.9	3.1	-0.4
O/D/U/D(MU)	-8.4	3.3	-5.0	6.8	-1.1	-4.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4927	12231	5162	1220	190	23730
State Sector	10025	17155	6654	4935	50	38819
Total	14952	29386	11816	6155	239	62549

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	553	1159	543	428	10	2692
Hydro	96	17	45	28	8	194
Nuclear	29	24	69	0	0	122
Gas, Naptha & Diesel	26	45	17	0	24	112
RES (Wind, Solar, Biomass & Others)	48	47	142	2	0	239
Total	752	1292	816	457	42	3359

\*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(ग्रिड०)/  
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>6-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	377	0.0	9.0	-9.0
2		SASARAM-FATEHPUR	S/C	0	215	0.0	0.4	-0.4
3		GAYA-BALIA	S/C	0	339	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	248	0.0	6.1	-6.1
6	400 kV	PUSAULI-VARANASI	S/C	0	189	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	165	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	342	0.0	5.5	-5.5
9		PATNA-BALIA	Q/C	0	951	0.0	18.2	-18.2
10		BIHARSHARIFF-BALIA	D/C	0	328	0.0	4.5	-4.5
11		MOTHARI-GORAKHPUR	D/C	0	0	0.0	6.0	-6.0
12		BIHARSHARIFF-VARANASI	D/C	0	322	0.0	1.2	-1.2
13	220 kV	PUSAULI-SAHUPURI	S/C	0	163	0.0	3.0	-3.0
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>59.1</b>	<b>-58.6</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.7	0.0	10.7
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	362	0.1	0.0	0.1
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	12	4.6	0.0	4.6
21		RANCHI-SIPAT	D/C	0	54	2.8	0.0	2.8
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	150	0.0	1.5	-1.5
23		BUDHIPADAR-KORBA	D/C	0	0	1.9	0.0	1.9
<b>ER-WR</b>						<b>20.1</b>	<b>1.5</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	19.0	-19.0
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	345.7	0.0	13.7	-13.7
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2241.5	0.0	43.2	-43.2
27	400 kV	TALCHER-I/C	D/C	0.0	962.1	4.5	1.2	3.3
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>75.9</b>	<b>-75.9</b>
<b>Import/Export of ER (With NER)</b>								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	975	1.0	0.0	1
30		ALIPURDUAR-BONGAIGAON	D/C	0	791	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.9	-1
<b>ER-NER</b>						<b>4.9</b>	<b>0.9</b>	<b>4.0</b>
<b>Import/Export of NER (With NR)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	491	401	6.8	0.0	6.8
<b>NER-NR</b>						<b>6.8</b>	<b>0.0</b>	<b>6.8</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1439	0.0	54.7	-54.7
34		V'CHAL B/B	D/C	250	0	6.0	0.0	6.0
35		APL -MHG	D/C	0	707	0.0	17.8	-17.8
36	765 kV	GWALIOR-AGRA	D/C	0	3094	0.0	56.7	-56.7
37		PHAGI-GWALIOR	D/C	487	1766	0.0	32.6	-32.6
38	400 kV	ZERDA-KANKROLI	S/C	207	0	3.6	0.0	3.6
39		ZERDA -BHINMAL	S/C	193	74	1.5	0.0	1.5
40		V'CHAL -RIHAND	S/C	978	0	22.0	0.0	22.0
41		RAPP-SHUJALPUR	D/C	0	381	0	2	-2
42	220 kV	BADOD-KOTA	S/C	69	0	0.8	0.0	0.8
43		BADOD-MORAK	S/C	25	35	0.2	0.2	0.0
44		MEHGAON-AURAIYA	S/C	96	0	1.5	0.0	1.5
45		MALANPUR-AURAIYA	S/C	49	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>36.2</b>	<b>164.3</b>	<b>-128.1</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	183	1415	0.0	19.4	-19.4
50		WARDHA-NIZAMABAD	D/C	0	2120	0.0	35.5	-35.5
51	400 kV	KOLHAPUR-KUDGI	D/C	712	0	5.9	0.0	5.9
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>7.2</b>	<b>78.8</b>	<b>-71.7</b>
<b>TRANSNATIONAL EXCHANGE</b>								
55		BHUTAN						<b>2.3</b>
56		NEPAL						<b>-8.6</b>
57		BANGLADESH						<b>-8.8</b>