



**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: 22<sup>nd</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 21.02.2018.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 21-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 21<sup>st</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

22-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	40650	44362	43053	18658	2382	149105
Peak Shortage (MW)	521	55	0	0	51	627
Energy Met (MU)	898	1057	989	368	42	3354
Hydro Gen(MU)	100	38	59	24	6	227
Wind Gen(MU)	5	21	45	-----	-----	71
Solar Gen (MU)*	5.97	18.13	50.33	1.46	0.02	76
Energy Shortage (MU)	13.2	0.0	0.0	0.0	0.5	13.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44984	48658	44870	18711	2371	154620

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	0.044	0.00	0.72	11.18	11.90	82.87	5.23

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	5253	0	109.6	37.7	0.6	169	0.0
	Haryana	6412	0	120.4	73.3	1.0	258	0.0
	Rajasthan	10084	586	204.7	65.9	3.0	486	3.7
	Delhi	3485	0	61.8	49.0	-0.2	217	0.1
	UP	14425	450	291.7	103.0	2.9	603	0.0
	Uttarakhand	1965	0	34.8	27.2	0.0	106	0.0
	HP	1530	0	26.8	22.6	0.3	162	0.1
	J&K	2230	501	45.4	40.8	0.5	203	9.2
WR	Chandigarh	198	0	3.2	3.1	0.0	32	0.0
	Chhattisgarh	3326	0	73.9	15.0	-0.3	116	0.0
	Gujarat	13887	0	307.8	127.2	4.0	560	0.0
	MP	9799	0	190.4	103.4	-1.8	286	0.0
	Maharashtra	20769	0	438.8	127.6	2.1	731	0.0
	Goa	439	0	9.1	9.2	-0.6	35	0.0
	DD	326	0	7.4	6.3	1.1	87	0.0
	DNH	768	0	17.9	16.9	1.0	65	0.0
SR	Essar steel	580	0	12.1	12.2	0.0	157	0.0
	Andhra Pradesh	8627	0	173.7	47.8	-0.9	581	0.0
	Telangana	9921	0	201.7	93.7	-0.4	324	0.0
	Karnataka	10049	0	219.5	87.5	-1.8	501	0.0
	Kerala	3625	0	72.1	50.8	1.7	355	0.0
	Tamil Nadu	14500	0	314.5	160.3	0.6	576	0.0
ER	Pondy	351	0	7.2	7.3	-0.1	33	0.0
	Bihar	4040	0	67.3	60.3	-1.4	120	0.0
	DVC	3178	0	69.9	-48.8	-1.1	285	0.0
	Jharkhand	1061	0	22.4	15.5	0.7	170	0.0
	Odisha	4327	0	82.7	38.3	2.9	505	0.0
	West Bengal	6755	0	124.3	22.3	1.7	257	0.0
NER	Sikkim	120	0	1.8	1.6	0.2	15	0.0
	Arunachal Pradesh	108	6	2.3	1.6	0.7	79	0.0
	Assam	1413	20	24.1	19.0	1.7	100	0.3
	Manipur	182	5	2.5	2.6	-0.2	12	0.0
	Meghalaya	312	0	5.5	3.3	-0.2	52	0.0
	Mizoram	85	6	1.7	1.0	0.5	28	0.0
NER	Nagaland	116	6	2.0	1.8	0.1	66	0.0
	Tripura	227	1	3.4	2.1	0.1	45	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.0	-8.7	-9.7
Day peak (MW)	95.7	-429.2	-617.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	189.4	-189.0	103.7	-109.1	3.6	-1.4
Actual(MU)	189.9	-193.5	94.9	-100.8	5.2	-4.3
O/D/U/D(MU)	0.5	-4.6	-8.8	8.3	1.6	-2.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4997	14701	5752	870	293	26613
State Sector	11085	18510	4550	4345	50	38540
Total	16082	33211	10302	5215	343	65153

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	540	1127	640	470	10	2786
Hydro	100	37	59	24	6	226
Nuclear	29	12	46	0	0	87
Gas, Naptha & Diesel	21	49	20	0	23	113
RES (Wind, Solar, Biomass & Others)	38	40	142	3	0	222
Total	727	1264	906	497	40	3433

\*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 : 22-Feb-18
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	361	0.0	9.4	-9.4
2		SASARAM-FATEHPUR	S/C	0	193	0.0	0.3	-0.3
3		GAYA-BALIA	S/C	0	335	0.0	5.7	-5.7
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	196	0.0	4.8	-4.8
6	400 kV	PUSAULI-VARANASI	S/C	0	157	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	104	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	361	0.0	4.5	-4.5
9		PATNA-BALIA	Q/C	0	860	0.0	14.6	-14.6
10		BIHARSHARIFF-BALIA	D/C	0	281	0.0	5.9	-5.9
11		MOTIHARI-GORAKHPUR	D/C	0	356	0.0	7.6	-7.6
12		BIHARSHARIFF-VARANASI	D/C	0	329	0.0	1.6	-1.6
13	220 kV	PUSAULI-SAHUPURI	S/C	0	166	0.0	0.0	0.0
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-CHANDAUJI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>0.5</b>	<b>54.4</b>	<b>-54.0</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	4.8	0.0	4.8
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	448	0.0	4.4	-4.4
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	241	0.0	1.3	-1.3
21		RANCHI-SIPAT	D/C	0	87	0.5	0.0	0.5
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	87	0.0	0.6	-0.6
23		BUDHIPADAR-KORBA	D/C	0	0	2.9	0.0	2.9
<b>ER-WR</b>						<b>8.2</b>	<b>6.3</b>	<b>1.9</b>
<b>Import/Export of ER (With SR)</b>								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	20.1	-20.1
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	323.9	0.0	14.5	-14.5
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2018.5	0.0	42.9	-42.9
27	400 kV	TALCHER-I/C	D/C	0.0	1114.3	0.0	17.4	-17.4
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>77.4</b>	<b>-77.4</b>
<b>Import/Export of ER (With NER)</b>								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1137	0.0	7.5	-7
30		ALIPURDUAR-BONGAIGAON	D/C	0	918	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.6	-3
<b>ER-NER</b>						<b>3.9</b>	<b>10.1</b>	<b>-6.2</b>
<b>Import/Export of NER (With NR)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	11.1	-11.1
<b>NER-NR</b>						<b>0.0</b>	<b>11.1</b>	<b>-11.1</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1440	0.0	58.3	-58.3
34		V'CHAL B/B	D/C	200	50	1.4	0.6	0.8
35		APL -MHG	D/C	0	714	0.0	16.1	-16.1
36	765 kV	GWALIOR-AGRA	D/C	0	2666	0.0	52.6	-52.6
37		PHAGI-GWALIOR	D/C	482	1530	0.0	29.8	-29.8
38	400 kV	ZERDA-KANKROLI	S/C	235	0	3.9	0.0	3.9
39		ZERDA -BHINMAL	S/C	191	75	1.5	0.0	1.5
40		V'CHAL -RIHAND	S/C	964	0	22.6	0.0	22.6
41		RAPP-SHUJALPUR	D/C	0	376	0	3	-3
42	220 kV	BADOD-KOTA	S/C	72	0	1.1	0.0	1.1
43		BADOD-MORAK	S/C	46	32	0.5	0.1	0.4
44		MEHGAON-AURAIYA	S/C	87	0	1.6	0.0	1.6
45		MALANPUR-AURAIYA	S/C	46	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>33.1</b>	<b>160.6</b>	<b>-127.5</b>
<b>Import/Export of WR (With SR)</b>								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	20.1	-20.1
48	LINK	176.42	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	440	1178	0.0	11.7	-11.7
50		WARDHA-NIZAMABAD	D/C	0	2062	0.0	34.0	-34.0
51	400 kV	KOLHAPUR-KUDGI	D/C	659	110	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	109	0	2.2	0.0	2.2
<b>WR-SR</b>						<b>2.2</b>	<b>65.7</b>	<b>-63.5</b>
<b>TRANSNATIONAL EXCHANGE</b>								
55		BHUTAN						<b>2.0</b>
56		NEPAL						<b>-8.7</b>
57		BANGLADESH						<b>-9.7</b>