



**National Load Despatch Centre**  
**पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
**POWER SYSTEM OPERATION CORPORATION LIMITED**  
(Government of India Enterprise)  
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

Date: 19<sup>th</sup> Feb 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033  
General Manager, ERLDC, 14 Golf Club Road, Tollygunge, 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. महाप्रबंधक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र , अंधेरी, मुंबई -400093  
General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. महाप्रबंधक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नॉग्रह , लापलंग, शिलॉंग - 793006  
General Manager, 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 18.02.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 18 फरवरी 2017 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 18<sup>th</sup> Feb 2017, is available at the NLDC website.

Thanking You.



**पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
**राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली**

Report for previous day

Date of Reporting

19-Feb-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	40395	44248	37370	16303	2299	140615
Peak Shortage (MW)	473	44	0	70	49	636
Energy Met (MU)	879	1062	891	332	39	3203
Hydro Gen(MU)	128	38	57	21	5	248
Wind Gen(MU)	5	33	41	-----	-----	78
Solar Gen (MU)*	0.20	11.72	19.90	0.04	0.02	32

**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	0.037	0.00	0.21	5.22	5.43	74.94	19.63

**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)
NR	Punjab	5098	0	103.3	55.6	1.9	282
	Haryana	6273	0	122.2	95.3	-0.8	138
	Rajasthan	10126	6	212.8	68.7	3.4	294
	Delhi	3387	0	58.5	47.5	-0.8	143
	UP	13547	0	277.3	100.0	-0.8	593
	Uttarakhand	1824	0	34.5	20.7	-0.4	80
	HP	1380	0	24.7	18.6	-0.4	80
	J&K	2056	514	42.4	37.5	-4.0	3
WR	Chhattisgarh	3342	0	78.8	27.9	2.4	320
	Gujarat	13618	0	299.3	85.5	0.0	451
	MP	10262	0	201.2	128.3	-0.8	206
	Maharashtra	20838	0	441.3	153.3	-2.3	402
	Goa	468	0	9.7	8.4	0.7	81
	DD	305	0	7.0	6.7	0.3	35
	DNH	736	0	16.7	16.8	-0.1	14
	Essar steel	401	0	7.7	8.2	-0.5	210
SR	Andhra Pradesh	7259	0	157.0	19.4	2.4	905
	Telangana	8237	0	169.4	73.2	1.0	460
	Karnataka	9308	0	208.2	78.7	2.1	918
	Kerala	3398	0	64.6	56.1	1.0	278
	Tamil Nadu	13309	0	286.0	145.1	-0.2	510
	Pondy	297	0	5.7	6.1	-0.4	59
ER	Bihar	3481	70	60.1	57.4	2.7	112
	DVC	2822	0	62.1	-43.1	-1.0	205
	Jharkhand	1081	0	21.8	15.7	2.0	120
	Odisha	3674	0	69.5	11.9	1.3	270
	West Bengal	6908	0	117.1	16.1	0.8	252
NER	Sikkim	94	0	1.6	1.4	0.1	8
	Arunachal Pradesh	109	1	2.0	1.8	0.2	1
	Assam	1378	36	22.6	16.7	1.5	105
	Manipur	142	0	2.1	2.4	-0.3	14
	Meghalaya	282	0	5.5	4.5	-0.1	25
	Mizoram	80	1	1.4	1.2	0.2	7
	Nagaland	109	1	1.8	1.7	-0.1	15
Tripura	209	0	3.2	2.4	-0.1	24	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.8	-8.0	-13.5
Day peak (MW)	172.4	-393.7	-605.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	199.1	-190.1	81.2	-89.6	4.7	5.3
Actual(MU)	209.4	-192.2	67.5	-93.9	5.1	-4.1
O/D/U/D(MU)	10.3	-2.1	-13.7	-4.3	0.4	-9.4

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	5687	11851	1270	1930	144	20882
State Sector	12245	17289	7884	4124	110	41652
Total	17932	29140	9154	6054	253	62534

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 19-Feb-17
								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	423	0.0	14.2	-14.2
2		SASARAM-FATEHPUR	S/C	94	126	0.0	0.1	-0.1
3		GAYA-BALIA	S/C	0	424	0.0	8.0	-8.0
4	HVDC LINK	PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0
5	400 KV	PUSAULI-SARNATH	S/C	0	210	0.0	0.0	0.0
6		PUSAULI -ALLAHABAD	S/C	0	78	0.0	0.0	0.0
7		MUZAFFARPUR-GORAKHPUR	D/C	49	462	0.0	6.4	-6.4
8		PATNA-BALIA	Q/C	0	853	0.0	19.8	-19.8
9		BIHARSHARIFF-BALIA	D/C	0	276	0.0	4.4	-4.4
10		BARH-GORAKHPUR	D/C	0	539	0.0	11.4	-11.4
11	BIHARSHARIFF-VARANASI	D/C	27	0	0.0	0.9	-0.9	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	228	0.0	4.6	-4.6
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
14		GARWAH-RIHAND	S/C	35	0	0.6	0.0	0.6
15		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>0.6</b>	<b>75.8</b>	<b>-75.2</b>
<b>Import/Export of ER (With WR)</b>								
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	516	0.0	7.4	-7.4
18		NEW RANCHI-DHARAMJAIGARH	D/C	271	98	1.8	0.0	1.8
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	118	32	0.6	0.0	0.6
20		JHARSUGUDA-RAIGARH	S/C	150	0	1.7	0.0	1.7
21		IBEUL-RAIGARH	S/C	108	0	1.2	0.0	1.2
22		STERLITE-RAIGARH	D/C	0	245	0.0	3.8	-3.8
23		RANCHI-SIPAT	D/C	289	6	3.0	0.0	3.0
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	132	0.0	2.0	-2.0
25		BUDHIPADAR-KORBA	D/C	131	0	1.8	0.0	1.8
<b>ER-WR</b>						<b>10.2</b>	<b>13.2</b>	<b>-3.0</b>
<b>Import/Export of ER (With SR)</b>								
26	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.7	-13.7
27	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	255.2	0.0	10.3	-10.3
28		TALCHER-KOLAR BIPOLE	D/C	0.0	1971.2	0.0	39.4	-39.4
29	400 KV	TALCHER-1/C	D/C	511.5	500.2	4.0	0.1	3.9
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0
<b>ER-SR</b>						<b>0.0</b>	<b>63.4</b>	<b>-63.4</b>
<b>Import/Export of ER (With NER)</b>								
31	400 KV	BINAGURI-BONGAIGAON	D/C	0	0	0.0	0.0	0
32		ALIPURDUAR-BONGAIGAON	D/C	448	540	0.9	0.0	1
33	220 KV	ALIPURDUAR-SALAKATI	D/C	295	415	0.8	0.0	1
<b>ER-NER</b>						<b>1.7</b>	<b>0.0</b>	<b>1.7</b>
<b>Import/Export of NR (With NER)</b>								
34	HVDC LINK	BISWANATH CHARIALI-AGRA	-	0	0	0.0	10.3	-10.3
<b>NR-NER</b>						<b>0.0</b>	<b>10.3</b>	<b>-10.3</b>
<b>Import/Export of WR (With NR)</b>								
35	HVDC LINK	CHAMPA-KURUKSHETRA	D/C	0	0	0.0	0.0	0.0
36		V'CHAL B/B	D/C	350	0	4.8	0.0	4.8
37	765 KV	APL -MHG	D/C	0	2519	0.0	57.4	-57.4
38		GWALIOR-AGRA	D/C	0	2840	0.0	60.2	-60.2
39		PHAGI-GWALIOR	D/C	0	1480	0.0	29.2	-29.2
40	400 KV	ZERDA-KANKROLI	S/C	178	99	1.5	0.0	1.5
41		ZERDA -BHINMAL	S/C	67	250	0.0	1.4	-1.4
42		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
43		RAPP-SHUJALPUR	D/C	0	-360	0	7	-7
44	220 KV	BADOD-KOTA	S/C	51	0	0.7	0.0	0.7
45		BADOD-MORAK	S/C	25	19	0.1	0.1	0.0
46		MEHGAON-AURAIYA	S/C	63	0	1.2	0.0	1.2
47		MALANPUR-AURAIYA	S/C	4	10	0.3	0.0	0.2
48	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>8.5</b>	<b>154.9</b>	<b>-146.4</b>
<b>Import/Export of WR (With SR)</b>								
49	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	22.5	-22.5
50		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
51	765 KV	SOLAPUR-RAICHUR	D/C	0	1709	0.0	23.9	-23.9
52	400 KV	KOLHAPUR-KUDGI	D/C	107	285	1.0	2.2	-1.2
53		KOLHAPUR-CHIKODI	D/C	0	260	0.0	5.6	-5.6
54		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
55		XELDEM-AMBEWADI	S/C	81	0	1.5	0.0	1.5
<b>WR-SR</b>						<b>2.5</b>	<b>54.2</b>	<b>-51.7</b>
<b>TRANSNATIONAL EXCHANGE</b>								
56		BHUTAN						1.8
57		NEPAL						-8.0

