



**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: 28<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 27.02.2018.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 27-Feb - 2018 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 27<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

28-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	41473	45826	43244	19392	2328	152262
Peak Shortage (MW)	521	45	0	0	67	632
Energy Met (MU)	917	1098	1001	373	39	3428
Hydro Gen(MU)	107	34	64	32	6	243
Wind Gen(MU)	2	34	68	-----	-----	104
Solar Gen (MU)*	6.44	18.45	54.70	0.92	0.02	81
Energy Shortage (MU)	10.8	0.0	1.3	0.0	0.6	12.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	46313	50224	45024	19448	2271	156040

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	0.041	0.00	0.45	10.16	10.61	83.02	6.37

C. Power Supply Position in States

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	5589	0	118.0	27.0	0.5	115	0.0
	Haryana	6771	0	124.8	70.1	1.9	245	0.7
	Rajasthan	10534	706	206.5	67.0	3.4	392	0.9
	Delhi	3398	0	65.2	49.2	-0.4	152	0.0
	UP	14357	470	295.5	107.6	-0.1	445	0.0
	Uttarakhand	1844	0	34.0	25.9	0.0	79	0.0
	HP	1490	0	26.2	21.4	0.4	85	0.0
	J&K	2033	548	43.4	40.4	-1.2	128	9.2
	Chandigarh	190	0	3.1	3.2	-0.1	14	0.0
WR	Chhattisgarh	3585	0	77.5	17.9	-2.4	83	0.0
	Gujarat	14644	0	325.1	126.2	3.4	521	0.0
	MP	9719	0	198.3	110.0	-1.5	215	0.0
	Maharashtra	21641	0	452.7	144.6	1.7	325	0.0
	Goa	417	0	8.8	8.9	-0.7	32	0.0
	DD	334	0	7.5	7.0	0.5	79	0.0
	DNH	766	0	17.9	17.0	0.9	64	0.0
	Essar steel	485	0	10.3	10.3	-0.1	223	0.0
	SR	Andhra Pradesh	8763	0	173.0	44.4	-0.6	482
Telangana		10014	0	211.6	98.3	-0.3	275	0.2
Karnataka		10087	0	220.9	83.5	-3.3	445	0.3
Kerala		3664	0	74.0	49.7	1.3	215	0.1
Tamil Nadu		14538	0	314.7	153.3	-0.3	675	0.5
Pondy		350	0	7.4	7.7	-0.3	36	0.0
ER		Bihar	4188	0	70.0	63.2	-0.6	150
	DVC	3042	0	67.7	-49.9	-1.5	360	0.0
	Jharkhand	1147	0	22.3	15.4	1.4	100	0.0
	Odisha	4167	0	77.4	32.0	1.6	285	0.0
	West Bengal	7254	0	134.1	18.1	2.7	300	0.0
	Sikkim	107	0	1.8	1.6	0.2	15	0.0
NER	Arunachal Pradesh	122	4	2.3	1.7	0.5	59	0.0
	Assam	1339	74	22.0	17.6	1.7	146	0.5
	Manipur	178	3	2.4	2.6	-0.2	22	0.0
	Meghalaya	279	7	5.1	3.4	-0.2	57	0.0
	Mizoram	83	3	1.5	1.1	0.4	34	0.0
	Nagaland	133	3	2.1	1.9	0.0	40	0.0
	Tripura	229	2	3.4	2.3	0.0	26	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.7	-10.7	-13.6
Day peak (MW)	87.7	-482.5	-644.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	176.9	-164.1	96.7	-111.0	4.6	3.1
Actual(MU)	176.4	-169.4	91.4	-102.5	5.8	1.7
O/D/U/D(MU)	-0.5	-5.3	-5.3	8.4	1.2	-1.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5207	15261	6002	1470	295	28235
State Sector	11970	18253	4240	4735	50	39248
Total	17177	33514	10242	6205	344	67483

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	570	1135	627	468	7	2808
Hydro	107	33	64	32	6	243
Nuclear	29	24	46	0	0	99
Gas, Naptha & Diesel	24	50	20	0	23	116
RES (Wind, Solar, Biomass & Others)	36	52	169	2	0	259
Total	766	1294	926	502	37	3525

\*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(ग्रि०प्रा०)/  
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

**INTER-REGIONAL EXCHANGES**

Date of Reporting : 28-Feb-18

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	440	0.0	5.7	-5.7
2		SASARAM-FATEHPUR	S/C	0	153	0.0	0.5	-0.5
3		GAYA-BALIA	S/C	0	402	0.0	5.9	-5.9
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	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	90	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	296	0.0	3.7	-3.7
9		PATNA-BALIA	Q/C	0	787	0.0	15.2	-15.2
10		BIHARSHARIFF-BALIA	D/C	0	222	0.0	3.7	-3.7
11		MOTIHARI-GORAKHPUR	D/C	0	338	0.0	6.2	-6.2
12		BIHARSHARIFF-VARANASI	D/C	0	293	0.0	1.2	-1.2
13	220 kV	PUSAULI-SAHUPURI	S/C	0	173	0.0	3.4	-3.4
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>50.3</b>	<b>-49.8</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	3.7	0.0	3.7
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	493	0.0	4.8	-4.8
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	242	1.3	0.0	1.3
21		RANCHI-SIPAT	D/C	0	114	0.4	0.0	0.4
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	121	0.0	1.4	-1.4
23		BUDHIPADAR-KORBA	D/C	0	0	4.0	0.0	4.0
<b>ER-WR</b>						<b>9.3</b>	<b>6.1</b>	<b>3.1</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 LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	302.1	0.0	12.1	-12.1
26		TALCHER-KOLAR BIPOLE	D/C	0.0	2263.9	0.0	50.1	-50.1
27	400 kV	TALCHER-I/C	D/C	0.0	1130.5	0.0	19.9	-19.9
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>81.7</b>	<b>-81.7</b>
<b>Import/Export of ER (With NER)</b>								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1191	0.0	8.7	-9
30		ALIPURDUAR-BONGAIGAON	D/C	0	961	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.7	-3
<b>ER-NER</b>						<b>3.9</b>	<b>11.3</b>	<b>-7.4</b>
<b>Import/Export of NER (With NR)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	12.0	-12.0
<b>NER-NR</b>						<b>0.0</b>	<b>12.0</b>	<b>-12.0</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1414	0.0	49.5	-49.5
34		V'CHAL B/B	D/C	250	0	6.1	0.0	6.1
35		APL -MHG	D/C	0	1010	0.0	18.1	-18.1
36	765 kV	GWALIOR-AGRA	D/C	0	2584	0.0	50.4	-50.4
37		PHAGI-GWALIOR	D/C	484	1340	0.0	27.7	-27.7
38	400 kV	ZERDA-KANKROLI	S/C	306	0	4.5	0.0	4.5
39		ZERDA -BHINMAL	S/C	297	72	2.3	0.0	2.3
40		V'CHAL -RIHAND	S/C	972	0	22.7	0.0	22.7
41		RAPP-SHUJALPUR	D/C	0	328	0	3	-3
42	220 kV	BADOD-KOTA	S/C	82	0	1.1	0.0	1.1
43		BADOD-MORAK	S/C	45	23	0.3	0.2	0.1
44		MEHGAON-AURAIYA	S/C	96	0	1.7	0.0	1.7
45		MALANPUR-AURAIYA	S/C	53	0	0.8	0.0	0.8
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>39.4</b>	<b>148.9</b>	<b>-109.5</b>
<b>Import/Export of WR (With SR)</b>								
47	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	20.4	-20.4
48		176.42	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	486	1398	0.0	12.7	-12.7
50		WARDHA-NIZAMABAD	D/C	0	1955	0.0	34.3	-34.3
51	400 kV	KOLHAPUR-KUDGI	D/C	841	0	9.6	0.0	9.6
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>11.8</b>	<b>67.4</b>	<b>-55.6</b>
<b>TRANSNATIONAL EXCHANGE</b>								
55		BHUTAN						1.7
56		NEPAL						-10.7
57		BANGLADESH						-13.6