



**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: 01st Mar 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 28.02.2018.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 28-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 28<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

1-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	42449	45860	43517	19128	2373	153327
Peak Shortage (MW)	521	34	0	0	54	609
Energy Met (MU)	922	1106	1012	380	40	3460
Hydro Gen(MU)	107	31	73	30	6	247
Wind Gen(MU)	2	28	47	-----	-----	77
Solar Gen (MU)*	5.70	16.87	52.43	0.89	0.02	76
Energy Shortage (MU)	20.8	0.0	2.2	0.0	0.5	23.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44534	50628	45229	19259	2349	157231

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	0.069	0.00	1.38	22.14	23.52	73.73	2.75

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	5590	0	116.1	27.0	0.5	248	0.0
	Haryana	6143	0	125.2	69.3	1.7	184	4.3
	Rajasthan	9800	714	210.5	62.7	3.7	370	5.8
	Delhi	3498	1	63.4	49.9	-0.2	171	0.0
	UP	14878	510	300.3	109.3	-0.1	590	1.4
	Uttarakhand	1821	0	33.3	25.5	-0.1	116	0.1
	HP	1529	0	27.0	21.9	0.7	157	0.0
	J&K	2113	443	43.0	39.9	-1.1	343	9.2
	Chandigarh	188	0	3.2	3.2	0.0	29	0.0
WR	Chhattisgarh	3595	0	80.4	18.5	-0.8	137	0.0
	Gujarat	14632	0	324.5	123.4	6.4	759	0.0
	MP	9953	0	201.5	109.1	-0.2	441	0.0
	Maharashtra	21451	0	454.9	147.1	-1.8	277	0.0
	Goa	473	0	9.6	9.1	-0.2	44	0.0
	DD	341	0	7.7	7.0	0.7	80	0.0
	DNH	759	0	17.5	16.7	0.8	68	0.0
	Essar steel	517	0	10.1	9.5	0.6	210	0.0
	SR	Andhra Pradesh	8909	0	178.6	47.5	1.4	553
Telangana		10109	0	213.2	101.3	-0.7	353	0.4
Karnataka		10024	0	221.6	84.3	-2.9	311	0.5
Kerala		3721	0	74.6	46.3	1.8	312	0.2
Tamil Nadu		14681	0	317.0	155.5	0.7	564	0.8
Pondy		349	0	7.2	7.6	-0.4	49	0.0
ER	Bihar	4189	0	70.7	63.4	-0.3	402	0.0
	DVC	3024	0	68.3	-56.5	1.5	385	0.0
	Jharkhand	1176	0	23.5	15.8	1.1	135	0.0
	Odisha	4185	0	82.0	35.4	2.0	435	0.0
	West Bengal	7042	0	133.9	18.4	3.5	465	0.0
	Sikkim	100	0	1.6	1.5	0.1	20	0.0
NER	Arunachal Pradesh	120	1	2.3	1.9	0.4	59	0.0
	Assam	1364	34	23.1	18.9	1.2	146	0.4
	Manipur	173	0	2.4	2.6	-0.2	22	0.0
	Meghalaya	319	0	5.1	3.3	-0.2	57	0.0
	Mizoram	78	1	1.3	1.3	0.0	34	0.0
	Nagaland	128	0	2.0	1.9	0.0	40	0.0
	Tripura	225	0	3.7	2.4	0.3	26	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.0	-10.3	-13.7
Day peak (MW)	94.4	-463.0	-646.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	164.8	-153.0	95.8	-110.0	4.3	1.9
Actual(MU)	157.7	-156.3	89.4	-95.6	4.2	-0.6
OD/UD(MU)	-7.1	-3.3	-6.4	14.4	-0.1	-2.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4997	15921	5502	795	265	27480
State Sector	11970	18035	3930	4775	50	38760
Total	16967	33956	9432	5570	314	66240

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	594	1137	650	471	10	2861
Hydro	107	31	73	30	6	247
Nuclear	28	24	46	0	0	99
Gas, Naptha & Diesel	22	53	19	0	23	117
RES (Wind, Solar, Biomass & Others)	36	45	145	2	0	228
Total	786	1289	934	503	39	3551

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

सचिव(ऊर्जा)/संयुक्त सचिव(परिषद्)/(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 : 1-Mar-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	449	0.0	6.3	-6.3
2		SASARAM-FATEHPUR	S/C	0	221	0.0	1.6	-1.6
3		GAYA-BALIA	S/C	0	379	0.0	6.3	-6.3
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	199	0.0	4.6	-4.6
6	400 kV	PUSAULI-VARANASI	S/C	0	160	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	107	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	482	0.0	6.3	-6.3
9		PATNA-BALIA	Q/C	0	965	0.0	16.5	-16.5
10		BIHARSHARIFF-BALIA	D/C	0	291	0.0	5.1	-5.1
11		MOTIHARI-GORAKHPUR	D/C	0	364	0.0	6.8	-6.8
12		BIHARSHARIFF-VARANASI	D/C	0	252	0.0	2.7	-2.7
13	220 kV	PUSAULI-SAHUPURI	S/C	0	170	0.0	3.3	-3.3
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>59.4</b>	<b>-59.0</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	4.9	0.0	4.9
19	400 kV	NEW RANCHI-DHARAMJAIGARH	D/C	0	522	0.0	6.7	-6.7
20		JHARSUGUDA-RAIGARH	Q/C	0	198	0.0	1.2	-1.2
21		RANCHI-SIPAT	D/C	0	136	0.0	0.7	-0.7
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	141	0.0	1.9	-1.9
23		BUDHIPADAR-KORBA	D/C	0	0	3.5	0.0	3.5
<b>ER-WR</b>						<b>8.4</b>	<b>10.4</b>	<b>-2.0</b>
<b>Import/Export of ER (With SR)</b>								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.2	-18.2
25	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	345.7	0.0	14.6	-14.6
26		TALCHER-KOLAR BIPOLE	D/C	0.0	2254.3	0.0	47.9	-47.9
27	400 kV	TALCHER-I/C	D/C	0.0	869.6	1.9	1.7	0.2
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>80.6</b>	<b>-80.6</b>
<b>Import/Export of ER (With NER)</b>								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	858	0.3	0.0	0
30		ALIPURDUAR-BONGAIGAON	D/C	0	697	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.2	-1
<b>ER-NER</b>						<b>4.2</b>	<b>1.2</b>	<b>3.0</b>
<b>Import/Export of NER (With NR)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	691	495	9.5	3.4	6.2
<b>NER-NR</b>						<b>9.5</b>	<b>3.4</b>	<b>6.2</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1105	0.0	51.3	-51.3
34		V'CHAL B/B	D/C	250	0	4.7	0.0	4.7
35		APL -MHG	D/C	0	1010	0.0	23.8	-23.8
36	765 kV	GWALIOR-AGRA	D/C	0	2658	0.0	45.6	-45.6
37		PHAGI-GWALIOR	D/C	484	1188	0.0	22.7	-22.7
38	400 kV	ZERDA-KANKROLI	S/C	307	0	5.6	0.0	5.6
39		ZERDA -BHINMAL	S/C	278	0	3.7	0.0	3.7
40		V'CHAL -RIHAND	S/C	972	0	22.6	0.0	22.6
41		RAPP-SHUJALPUR	D/C	0	1	0	2	-2
42	220 kV	BADOD-KOTA	S/C	102	0	1.3	0.0	1.3
43		BADOD-MORAK	S/C	64	19	0.6	0.1	0.5
44		MEHGAON-AURAIYA	S/C	110	0	1.3	0.0	1.3
45		MALANPUR-AURAIYA	S/C	65	0	0.9	0.0	0.9
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>40.8</b>	<b>145.9</b>	<b>-105.1</b>
<b>Import/Export of WR (With SR)</b>								
47	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0
48		176.42	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	620	1109	0.0	9.2	-9.2
50		WARDHA-NIZAMABAD	D/C	0	1870	0.0	30.9	-30.9
51	400 kV	KOLHAPUR-KUDGI	D/C	544	62	7.8	0.0	7.8
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>10.0</b>	<b>64.1</b>	<b>-54.1</b>
<b>TRANSNATIONAL EXCHANGE</b>								
55		BHUTAN						<b>2.0</b>
56		NEPAL						<b>-10.3</b>
57		BANGLADESH						<b>-13.7</b>