



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: 25th 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 24.02.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 24-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 24th 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

25-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	40615	44766	41827	18943	2396	148547
Peak Shortage (MW)	716	33	0	0	64	812
Energy Met (MU)	886	1076	987	369	40	3359
Hydro Gen(MU)	97	28	61	30	6	223
Wind Gen(MU)	15	22	67	-----	-----	104
Solar Gen (MU)*	8.20	13.95	56.06	0.84	0.02	79
Energy Shortage (MU)	12.7	0.0	0.0	0.0	0.5	13.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43615	49553	44183	18934	2353	152461

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	0.039	0.00	0.00	11.16	11.16	82.57	6.27

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	4664	0	99.2	25.8	-0.7	161	0.0
	Haryana	6426	198	119.7	63.4	2.2	340	0.1
	Rajasthan	11190	0	210.0	63.3	1.5	501	0.3
	Delhi	3337	0	60.7	47.8	-0.4	206	0.0
	UP	13773	90	288.3	111.3	2.3	946	3.0
	Uttarakhand	1947	0	35.4	25.0	2.6	326	0.0
	HP	1496	0	26.6	22.2	0.6	187	0.0
	J&K	2064	521	43.1	40.2	-1.4	219	9.2
WR	Chandigarh	178	0	3.0	3.0	0.0	20	0.0
	Chhattisgarh	3393	0	77.7	17.8	-2.6	67	0.0
	Gujarat	14280	0	315.5	142.0	2.8	402	0.0
	MP	9970	0	199.1	111.4	-0.8	441	0.0
	Maharashtra	20838	0	441.0	138.2	2.2	1022	0.0
	Goa	455	0	9.7	9.1	0.0	24	0.0
	DD	305	0	6.3	6.0	0.3	48	0.0
	DNH	760	0	17.7	16.7	1.0	76	0.0
SR	Essar steel	471	0	9.4	9.2	0.2	173	0.0
	Andhra Pradesh	8982	0	170.1	39.2	-4.1	417	0.0
	Telangana	9656	0	170.1	39.2	-4.1	417	0.0
	Karnataka	10028	0	207.3	94.5	2.4	859	0.0
	Kerala	3442	0	221.5	79.2	-2.3	470	0.0
	Tamil Nadu	14037	0	70.9	49.6	1.6	350	0.0
ER	Pondy	362	0	310.0	155.9	0.0	1207	0.0
	Bihar	4180	0	68.5	61.5	-1.1	300	0.0
	DVC	3068	0	68.7	-52.1	-2.2	80	0.0
	Jharkhand	1104	0	22.9	15.4	0.9	100	0.0
	Odisha	4124	0	81.7	36.5	4.7	450	0.0
	West Bengal	6878	0	125.5	16.8	3.2	400	0.0
NER	Sikkim	106	0	1.6	1.6	0.0	20	0.0
	Arunachal Pradesh	117	2	2.0	1.8	0.2	79	0.0
	Assam	1410	34	23.0	18.4	1.3	100	0.4
	Manipur	169	2	2.4	2.6	-0.2	12	0.0
	Meghalaya	326	0	5.8	3.3	0.0	52	0.0
	Mizoram	89	3	1.4	0.9	0.4	28	0.0
NER	Nagaland	120	4	2.0	1.9	0.0	66	0.0
	Tripura	237	1	3.7	2.9	0.4	45	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.5	-10.3	-11.9
Day peak (MW)	139.5	-496.5	-637.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	166.1	-163.6	106.2	-112.1	3.6	0.1
Actual(MU)	176.4	-160.4	93.3	-107.7	4.4	6.0
O/D/U/D(MU)	10.4	3.2	-12.9	4.5	0.8	5.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4997	14476	5502	1070	293	26338
State Sector	11115	18658	3820	4135	50	37778
Total	16112	33134	9322	5205	343	64116

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	542	1132	609	463	10	2755
Hydro	97	29	61	30	6	224
Nuclear	28	3	47	0	0	78
Gas, Naptha & Diesel	21	24	19	0	23	87
RES (Wind, Solar, Biomass & Others)	50	36	169	2	0	257
Total	740	1225	904	495	40	3403

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

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 25-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)
Import/Export of ER (With NR)								
1	765kV	GAYA-VARANASI	D/C	0	287	0.0	8.1	-8.1
2		SASARAM-FATEHPUR	S/C	0	145	0.0	0.5	-0.5
3		GAYA-BALIA	S/C	0	260	0.0	4.4	-4.4
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	152	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	116	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	282	0.0	3.4	-3.4
9		PATNA-BALIA	Q/C	0	839	0.0	15.9	-15.9
10		BIHARSHARIFF-BALIA	D/C	0	173	0.0	3.0	-3.0
11		MOTHARI-GORAKHPUR	D/C	0	346	0.0	6.5	-6.5
12		BIHARSHARIFF-VARANASI	D/C	0	357	0.0	0.9	-0.9
13	220 kV	PUSAULI-SAHUPURI	S/C	0	175	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
ER-NR						0.5	50.7	-50.2
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	4.0	0.0	4.0
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	542	0.0	4.7	-4.7
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	157	5.1	0.0	5.1
21		RANCHI-SIPAT	D/C	0	133	0.0	0.0	0.0
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	107	0.0	0.6	-0.6
23		BUDHIPADAR-KORBA	D/C	0	0	3.1	0.0	3.1
ER-WR						12.2	5.4	6.8
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.5	-18.5
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	344.3	0.0	15.1	-15.1
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2276.0	0.0	47.6	-47.6
27	400 kV	TALCHER-I/C	D/C	0.0	1006.3	0.0	17.1	-17.1
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	81.2	-81.2
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1051	0.0	7.3	-7
30		ALIPURDUAR-BONGAIGAON	D/C	0	852	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.6	-3
ER-NER						3.9	10.0	-6.1
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	495	0.0	11.4	-11.4
NER-NR						0.0	11.4	-11.4
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1372	0.0	47.0	-47.0
34		V'CHAL B/B	D/C	250	100	3.4	0.7	2.7
35		APL -MHG	D/C	0	709	0.0	17.0	-17.0
36	765 kV	GWALIOR-AGRA	D/C	0	2896	0.0	50.1	-50.1
37		PHAGI-GWALIOR	D/C	487	1488	0.0	27.4	-27.4
38	400 kV	ZERDA-KANKROLI	S/C	273	0	5.4	0.0	5.4
39		ZERDA -BHINMAL	S/C	301	18	3.6	0.0	3.6
40		V'CHAL -RIHAND	S/C	975	0	22.6	0.0	22.6
41		RAPP-SHUJALPUR	D/C	0	245	0	2	-2
42		BADOD-KOTA	S/C	88	0	1.3	0.0	1.3
43	220 kV	BADOD-MORAK	S/C	50	37	0.4	0.1	0.3
44		MEHGAON-AURAIYA	S/C	93	0	1.9	0.0	1.9
45		MALANPUR-AURAIYA	S/C	50	0	0.8	0.0	0.8
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						39.4	144.8	-105.4
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	20.8	-20.8
48	LINK	176.42	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	427	1187	0.0	10.2	-10.2
50		WARDHA-NIZAMABAD	D/C	0	1848	0.0	30.0	-30.0
51	400 kV	KOLHAPUR-KUDGI	D/C	662	0	10.7	0.0	10.7
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
WR-SR						12.9	61.0	-48.0
TRANSNATIONAL EXCHANGE								
55		BHUTAN						1.5
56		NEPAL						-10.3
57		BANGLADESH						-11.9