



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: 23rd 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 22.02.2018.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 22-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 22nd 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

23-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	41551	45048	43567	18540	2356	151062
Peak Shortage (MW)	521	22	0	0	54	597
Energy Met (MU)	907	1077	994	364	41	3384
Hydro Gen(MU)	98	42	64	25	6	235
Wind Gen(MU)	3	16	41	-----	-----	60
Solar Gen (MU)*	7.91	17.45	49.06	0.80	0.02	75
Energy Shortage (MU)	11.7	0.0	0.0	0.0	0.5	12.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44152	46140	44399	18312	2311	150873

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	0.20	7.23	7.43	82.73	9.84

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	5900	0	121.4	34.7	0.2	122	0.0
	Haryana	6278	0	120.5	72.3	0.0	0	0.0
	Rajasthan	10944	96	209.4	70.9	2.6	416	0.1
	Delhi	3430	0	62.4	49.2	-0.2	182	0.0
	UP	13592	750	281.7	98.6	3.6	706	2.3
	Uttarakhand	1947	0	35.5	27.2	0.2	109	0.0
	HP	1508	0	27.0	22.5	0.7	101	0.0
	J&K	2202	433	46.0	40.5	1.3	285	9.2
WR	Chandigarh	206	0	3.2	3.1	0.2	68	0.0
	Chhattisgarh	3516	0	76.8	21.8	-1.2	127	0.0
	Gujarat	14333	0	315.1	123.7	7.5	538	0.0
	MP	10009	0	194.4	107.0	-1.0	653	0.0
	Maharashtra	21337	0	446.0	130.8	-0.7	535	0.0
	Goa	472	0	9.3	9.3	-0.6	36	0.0
	DD	331	0	7.4	7.0	0.4	55	0.0
	DNH	770	0	17.9	16.5	1.4	106	0.0
SR	Essar steel	495	0	10.0	9.5	0.5	210	0.0
	Andhra Pradesh	8626	0	177.0	49.0	-1.0	674	0.0
	Telangana	9886	0	202.2	92.6	0.5	376	0.0
	Karnataka	10094	0	220.8	88.5	-0.5	410	0.0
	Kerala	3614	0	72.2	53.1	1.6	282	0.0
	Tamil Nadu	14514	0	314.6	162.6	2.0	624	0.0
ER	Pondy	351	0	7.1	7.5	-0.4	37	0.0
	Bihar	4024	0	67.4	61.3	-2.2	50	0.0
	DVC	3051	0	68.8	-52.0	-1.5	74	0.0
	Jharkhand	972	0	22.8	15.6	0.4	115	0.0
	Odisha	4027	0	79.8	36.0	1.8	405	0.0
	West Bengal	6774	0	123.8	18.8	1.7	270	0.0
NER	Sikkim	114	0	1.6	1.6	0.0	16	0.0
	Arunachal Pradesh	109	6	2.4	1.8	0.6	79	0.0
	Assam	1423	22	23.2	19.1	0.9	100	0.3
	Manipur	182	4	2.6	2.6	0.0	12	0.0
	Meghalaya	307	2	5.8	3.4	0.0	52	0.0
	Mizoram	87	3	1.7	1.0	0.4	28	0.0
NER	Nagaland	116	3	2.0	1.8	0.1	66	0.1
	Tripura	225	4	3.7	2.2	0.3	45	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.6	-8.5	-13.0
Day peak (MW)	74.9	-450.8	-629.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	188.0	-178.8	103.2	-113.8	4.1	2.7
Actual(MU)	176.4	-169.5	89.8	-115.5	4.9	-13.8
O/D/U/D(MU)	-11.6	9.3	-13.4	-1.7	0.8	-16.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4997	14881	4952	1430	293	26553
State Sector	10590	18832	4340	4135	50	37947
Total	15587	33713	9292	5565	343	64500

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	555	1132	645	475	10	2817
Hydro	98	40	64	25	6	234
Nuclear	29	10	45	0	0	84
Gas, Naptha & Diesel	21	56	19	0	23	120
RES (Wind, Solar, Biomass & Others)	38	33	137	2	0	210
Total	741	1271	911	502	40	3465

*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(मि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 23-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	350	0.0	10.1	-10.1
2		SASARAM-FATEHPUR	S/C	0	202	1.7	0.0	1.7
3		GAYA-BALIA	S/C	0	312	0.0	5.5	-5.5
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	196	0.0	4.7	-4.7
6	400 kV	PUSAULI-VARANASI	S/C	0	147	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	356	0.0	5.0	-5.0
9		PATNA-BALIA	Q/C	0	829	0.0	15.9	-15.9
10		BIHARSHARIFF-BALIA	D/C	0	238	0.0	6.2	-6.2
11		MOTIHARI-GORAKHPUR	D/C	0	336	0.0	6.2	-6.2
12		BIHARSHARIFF-VARANASI	D/C	0	334	0.0	4.1	-4.1
13		220 kV	PUSAULI-SAHUPURI	S/C	0	159	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-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						2.1	57.6	-55.5
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	4.8	0.0	4.8
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	631	0.0	5.9	-5.9
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	289	0.0	4.7	-4.7
21		RANCHI-SIPAT	D/C	0	144	0.0	0.1	-0.1
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	125	0.0	1.4	-1.4
23		BUDHIPADAR-KORBA	D/C	0	0	2.3	0.0	2.3
ER-WR						7.0	12.1	-5.0
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	20.4	-20.4
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	319.8	0.0	14.8	-14.8
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2037.6	0.0	47.6	-47.6
27	400 kV	TALCHER-I/C	D/C	0.0	1116.4	0.0	18.6	-18.6
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	82.7	-82.7
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1133	0.0	7.9	-8
30		ALIPURDUAR-BONGAIGAON	D/C	0	915	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.8	-3
ER-NER						3.9	10.7	-6.8
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	502	0.0	12.3	-12.3
NER-NR						0.0	12.3	-12.3
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1456	0.0	59.5	-59.5
34		V'CHAL B/B	D/C	250	50	3.9	0.4	3.5
35		APL -MHG	D/C	0	508	0.0	13.0	-13.0
36	765 kV	GWALIOR-AGRA	D/C	0	2410	0.0	48.2	-48.2
37		PHAGI-GWALIOR	D/C	487	1482	0.0	29.3	-29.3
38	400 kV	ZERDA-KANKROLI	S/C	209	0	3.3	0.0	3.3
39		ZERDA -BHINMAL	S/C	148	124	1.0	0.0	1.0
40		V'CHAL -RIHAND	S/C	974	0	22.6	0.0	22.6
41		RAPP-SHUJALPUR	D/C	0	412	0	3	-3
42	220 kV	BADOD-KOTA	S/C	72	0	1.0	0.0	1.0
43		BADOD-MORAK	S/C	43	25	0.4	0.1	0.3
44		MEHGAON-AURAIYA	S/C	94	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
WR-NR						34.8	153.8	-119.0
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	700	0.0	13.4	-13.4
48	LINK	176.42	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	398	1416	0.0	16.2	-16.2
50		WARDHA-NIZAMABAD	D/C	0	1892	0.0	35.3	-35.3
51	400 kV	KOLHAPUR-KUDGI	D/C	654	24	8.4	0.0	8.4
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	100	0	2.1	0.0	2.1
WR-SR						10.5	64.9	-54.4
TRANSNATIONAL EXCHANGE								
55		BHUTAN						1.6
56		NEPAL						-8.5
57		BANGLADESH						-13.0