



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: 24th 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 23.02.2018.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 23-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 23rd 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

24-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	41651	45008	43155	18684	2374	150872
Peak Shortage (MW)	928	88	0	0	55	1070
Energy Met (MU)	901	1075	1002	370	41	3389
Hydro Gen(MU)	100	29	60	28	7	225
Wind Gen(MU)	10	19	59	-----	-----	88
Solar Gen (MU)*	9.01	17.67	51.01	1.37	0.02	79
Energy Shortage (MU)	21.5	1.5	0.0	0.0	0.5	23.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43765	50187	45566	18673	2317	154334

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	0.062	0.00	1.24	16.67	17.91	76.76	5.34

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	5401	0	116.5	28.5	-0.3	93	0.0
	Haryana	6110	0	122.0	65.5	1.5	281	1.4
	Rajasthan	10270	1316	209.2	63.5	3.4	422	0.0
	Delhi	3520	0	63.9	50.7	-0.2	188	0.0
	UP	13433	220	278.9	106.3	2.2	767	10.7
	Uttarakhand	1993	0	35.8	27.0	0.6	163	0.0
	HP	1521	0	27.0	22.4	0.8	164	0.2
	J&K	1992	444	44.6	39.8	0.6	190	9.2
WR	Chandigarh	191	0	3.2	3.1	0.1	23	0.0
	Chhattisgarh	3531	0	78.0	20.2	0.3	244	0.0
	Gujarat	14426	0	315.1	134.2	5.6	668	1.5
	MP	10020	0	197.3	112.6	-2.7	225	0.0
	Maharashtra	20825	0	441.2	137.0	4.2	268	0.0
	Goa	509	0	9.2	9.6	-1.0	-10	0.0
	DD	335	0	7.5	7.1	0.4	54	0.0
	DNH	753	0	17.2	16.6	0.6	74	0.0
SR	Essar steel	477	0	9.8	9.3	0.5	186	0.0
	Andhra Pradesh	8824	0	177.3	44.3	-0.5	805	0.0
	Telangana	9996	0	206.8	97.4	0.2	430	0.0
	Karnataka	10170	0	222.5	86.5	-3.0	401	0.0
	Kerala	3581	0	71.9	50.1	1.6	281	0.0
	Tamil Nadu	14270	0	316.5	163.2	-1.5	560	0.0
ER	Pondy	350	0	7.0	7.3	-0.3	59	0.0
	Bihar	4179	0	72.8	59.2	4.5	250	0.0
	DVC	3044	0	69.4	-52.0	-1.5	50	0.0
	Jharkhand	1111	0	23.0	14.9	1.0	120	0.0
	Odisha	4146	0	78.9	33.5	2.0	550	0.0
	West Bengal	6851	0	124.0	19.4	1.6	300	0.0
NER	Sikkim	104	0	1.5	1.5	0.0	20	0.0
	Arunachal Pradesh	108	1	1.7	1.8	-0.1	79	0.0
	Assam	1401	24	22.4	18.5	1.1	100	0.4
	Manipur	182	6	2.6	2.6	0.1	12	0.0
	Meghalaya	317	4	6.1	3.4	0.2	52	0.0
	Mizoram	85	1	1.9	1.0	0.5	28	0.0
NER	Nagaland	119	10	2.0	1.8	0.1	66	0.0
	Tripura	227	2	4.1	2.2	0.8	45	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.7	-10.6	-10.1
Day peak (MW)	129.0	-518.4	-624.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	167.0	-167.8	110.6	-110.6	3.6	2.8
Actual(MU)	176.4	-165.6	91.1	-100.8	4.8	5.9
O/D/U/D(MU)	9.5	2.2	-19.5	9.8	1.2	3.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5207	15976	5662	1430	293	28568
State Sector	11450	18210	3450	4485	50	37645
Total	16657	34186	9112	5915	343	66213

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	555	1138	637	461	10	2802
Hydro	100	28	60	28	7	223
Nuclear	28	9	46	0	0	84
Gas, Naptha & Diesel	21	59	19	0	22	122
RES (Wind, Solar, Biomass & Others)	47	36	156	2	0	242
Total	752	1270	919	492	39	3473

*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 : 24-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	334	0.0	8.5	-8.5
2		SASARAM-FATEHPUR	S/C	0	188	0.0	0.8	-0.8
3		GAYA-BALIA	S/C	0	304	0.0	4.9	-4.9
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	196	0.0	4.5	-4.5
6	400 kV	PUSAULI-VARANASI	S/C	0	152	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	102	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	336	0.0	3.2	-3.2
9		PATNA-BALIA	Q/C	0	952	0.0	15.4	-15.4
10		BIHARSHARIFF-BALIA	D/C	0	226	0.0	3.5	-3.5
11		MOTHARI-GORAKHPUR	D/C	0	348	0.0	6.1	-6.1
12		BIHARSHARIFF-VARANASI	D/C	0	370	0.0	1.5	-1.5
13	220 kV	PUSAULI-SAHUPURI	S/C	0	173	0.0	3.0	-3.0
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						0.5	51.4	-50.9
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.6	0.0	12.6
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	386	0.0	5.9	-5.9
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	334	0.0	1.1	-1.1
21		RANCHI-SIPAT	D/C	0	152	0.0	0.3	-0.3
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	122	0.0	1.3	-1.3
23		BUDHIPADAR-KORBA	D/C	0	0	2.4	0.0	2.4
ER-WR						15.0	8.6	6.4
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	19.6	-19.6
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	1925.8	0.0	41.9	-41.9
27	400 kV	TALCHER-I/C	D/C	0.0	1015.8	0.0	17.4	-17.4
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	76.3	-76.3
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1046	0.0	7.6	-8
30		ALIPURDUAR-BONGAIGAON	D/C	0	848	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.6	-3
ER-NER						3.9	10.2	-6.3
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	11.8	-11.8
NER-NR						0.0	11.8	-11.8
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1399	0.0	54.1	-54.1
34		V'CHAL B/B	D/C	250	0	6.0	0.0	6.0
35		APL -MHG	D/C	0	709	0.0	17.0	-17.0
36	765 kV	GWALIOR-AGRA	D/C	0	2396	0.0	49.7	-49.7
37		PHAGI-GWALIOR	D/C	485	1374	0.0	26.7	-26.7
38	400 kV	ZERDA-KANKROLI	S/C	299	0	4.7	0.0	4.7
39		ZERDA -BHINMAL	S/C	333	55	2.7	0.0	2.7
40		V'CHAL -RIHAND	S/C	971	0	22.6	0.0	22.6
41		RAPP-SHUJALPUR	D/C	0	296	0	2	-2
42	220 kV	BADOD-KOTA	S/C	95	0	0.8	0.0	0.8
43		BADOD-MORAK	S/C	61	47	0.5	0.0	0.4
44		MEHGAON-AURAIYA	S/C	74	0	1.8	0.0	1.8
45		MALANPUR-AURAIYA	S/C	57	0	0.7	0.0	0.7
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						39.9	149.9	-110.0
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	18.5	-18.5
48	LINK	176.42	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	125	1211	0.0	13.8	-13.8
50		WARDHA-NIZAMABAD	D/C	0	1899	0.0	33.4	-33.4
51	400 kV	KOLHAPUR-KUDGI	D/C	700	0	10.8	0.0	10.8
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
WR-SR						13.0	65.6	-52.7
TRANSNATIONAL EXCHANGE								
55		BHUTAN						1.7
56		NEPAL						-10.6
57		BANGLADESH						-10.1