



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: 13th 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 12.02.2018.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 12-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 12th 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

13-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	39469	42568	41643	18643	2380	144703
Peak Shortage (MW)	398	10	0	0	49	457
Energy Met (MU)	820	959	928	357	40	3104
Hydro Gen(MU)	104	22	51	25	7	210
Wind Gen(MU)	7	21	31	-----	-----	59
Solar Gen (MU)*	4.76	17.05	44.07	0.47	0.03	66
Energy Shortage (MU)	8.2	0.0	0.5	0.0	0.3	9.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41175	45301	42922	18778	2369	146737

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	0.033	0.00	0.00	6.89	6.89	80.72	12.40

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	4757	0	86.0	23.9	-1.6	173	0.0
	Haryana	5885	113	103.5	60.0	1.3	422	0.9
	Rajasthan	11081	0	218.4	70.6	2.2	439	0.0
	Delhi	3695	0	63.7	51.5	-1.4	161	0.0
	UP	13545	90	255.4	89.4	1.5	667	0.0
	Uttarakhand	1933	0	33.0	26.1	-0.1	109	0.0
	HP	1386	0	25.4	22.4	-0.9	123	0.0
	J&K	1706	427	31.4	37.3	-8.9	50	7.3
WR	Chandigarh	191	0	3.3	3.3	0.1	29	0.0
	Chhattisgarh	3094	0	61.9	-2.9	-2.1	119	0.0
	Gujarat	13638	0	294.8	129.5	6.1	494	0.0
	MP	8270	0	161.7	79.7	-1.2	410	0.0
	Maharashtra	19644	0	395.2	118.8	-0.7	539	0.0
	Goa	395	0	9.1	8.3	0.1	63	0.0
	DD	324	0	7.0	6.9	0.1	77	0.0
	DNH	761	0	17.6	17.1	0.5	60	0.0
SR	Essar steel	597	0	11.3	12.4	-1.1	201	0.0
	Andhra Pradesh	8429	0	172.4	47.7	-0.5	475	0.1
	Telangana	9170	0	186.0	82.7	0.4	448	0.1
	Karnataka	9706	0	206.9	96.2	-1.4	499	0.1
	Kerala	3587	0	70.4	54.0	1.7	282	0.0
	Tamil Nadu	14384	0	285.2	165.4	0.4	481	0.2
ER	Pondy	337	0	6.6	7.1	-0.6	39	0.0
	Bihar	4027	0	66.6	63.5	-3.4	445	0.0
	DVC	2914	0	69.4	-40.0	-2.0	425	0.0
	Jharkhand	1105	0	23.7	16.4	1.4	135	0.0
	Odisha	4400	0	79.2	37.7	3.1	365	0.0
	West Bengal	6503	0	116.8	14.6	2.9	405	0.0
NER	Sikkim	110	0	1.8	1.5	0.2	20	0.0
	Arunachal Pradesh	128	4	2.2	1.7	0.5	44	0.0
	Assam	1402	22	22.9	19.9	0.3	104	0.2
	Manipur	185	3	2.7	2.7	-0.1	17	0.0
	Meghalaya	289	0	5.3	3.5	-0.1	38	0.0
	Mizoram	88	4	1.5	0.8	0.0	24	0.0
NER	Nagaland	119	6	2.0	1.8	0.1	40	0.0
	Tripura	224	2	3.3	1.9	0.0	43	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.2	-10.5	-12.4
Day peak (MW)	104.4	-469.3	-623.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	173.3	-214.4	118.4	-81.5	3.5	-0.7
Actual(MU)	176.4	-212.1	119.9	-78.1	3.2	9.3
O/D/U/D(MU)	3.1	2.3	1.5	3.4	-0.3	10.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4717	12831	4662	1080	275	23565
State Sector	11210	18548	5513	5245	50	40566
Total	15927	31379	10175	6325	324	64131

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	494	1071	569	428	9	2572
Hydro	104	21	51	25	7	209
Nuclear	29	24	69	0	0	122
Gas, Naptha & Diesel	21	43	17	0	24	105
RES (Wind, Solar, Biomass & Others)	38	38	120	2	0	198
Total	686	1197	827	455	40	3206

*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(मि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 13-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	329	0.0	7.5	-7.5
2		SASARAM-FATEHPUR	S/C	0	140	1.2	0.0	1.2
3		GAYA-BALIA	S/C	0	346	0.0	5.1	-5.1
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	387	0.0	8.8	-8.8
6	400 kV	PUSAULI-VARANASI	S/C	0	261	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	171	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	342	0.0	4.0	-4.0
9		PATNA-BALIA	Q/C	0	882	0.0	11.5	-11.5
10		BIHARSHARIFF-BALIA	D/C	0	269	0.0	3.7	-3.7
11		MOTHARI-GORAKHPUR	D/C	0	0	0.0	5.8	-5.8
12		BIHARSHARIFF-VARANASI	D/C	0	322	0.0	0.5	-0.5
13	220 kV	PUSAULI-SAHUPURI	S/C	0	163	0.0	3.1	-3.1
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.3	0.0	0.3
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						1.5	50.0	-48.5
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	8.0	0.0	8.0
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	394	0.0	3.7	-3.7
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	0	9.5	0.0	9.5
21		RANCHI-SIPAT	D/C	0	64	0.8	0.0	0.8
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	89	0.0	0.8	-0.8
23		BUDHIPADAR-KORBA	D/C	0	0	4.1	0.0	4.1
ER-WR						22.4	4.5	17.9
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	21.2	-21.2
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	340.2	0.0	16.1	-16.1
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2226.0	0.0	46.2	-46.2
27	400 kV	TALCHER-I/C	D/C	0.0	958.5	0.0	4.1	-4.1
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	83.6	-83.6
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	955	0.0	0.6	-1
30		ALIPURDUAR-BONGAIGAON	D/C	0	772	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.3	-1
ER-NER						3.9	1.8	2.1
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	689	501	5.4	0.0	5.4
NER-NR						5.4	0.0	5.4
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1507	0.0	49.3	-49.3
34		V'CHAL B/B	D/C	250	0	6.1	0.0	6.1
35		APL -MHG	D/C	0	910	0.0	21.8	-21.8
36	765 kV	GWALIOR-AGRA	D/C	0	2874	0.0	46.5	-46.5
37		PHAGI-GWALIOR	D/C	481	1540	0.0	26.2	-26.2
38	400 kV	ZERDA-KANKROLI	S/C	352	0	4.6	0.0	4.6
39		ZERDA -BHINMAL	S/C	330	129	2.1	0.0	2.1
40		V'CHAL -RIHAND	S/C	963	0	20.3	0.0	20.3
41		RAPP-SHUJALPUR	D/C	0	516	0	3	-3
42	220 kV	BADOD-KOTA	S/C	96	5	0.9	0.0	0.9
43		BADOD-MORAK	S/C	61	57	0.4	0.2	0.2
44		MEHGAON-AURAIYA	S/C	76	0	1.3	0.0	1.3
45		MALANPUR-AURAIYA	S/C	45	0	0.6	0.0	0.6
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						36.4	147.4	-111.0
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0
48	LINK	176.42	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	0	1390	0.0	23.4	-23.4
50		WARDHA-NIZAMABAD	D/C	0	2331	0.0	43.3	-43.3
51	400 kV	KOLHAPUR-KUDGI	D/C	608	0	6.1	0.0	6.1
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	89	0	1.3	0.0	1.3
WR-SR						7.4	90.7	-83.3
TRANSNATIONAL EXCHANGE								
55		BHUTAN						2.2
56		NEPAL						-10.5
57		BANGLADESH						-12.4