



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: 12th 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 11.02.2018.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 11-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 11th 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

12-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	39391	37782	37355	18022	2281	134830
Peak Shortage (MW)	371	9	0	0	42	422
Energy Met (MU)	853	970	881	351	38	3093
Hydro Gen(MU)	87	19	36	23	7	172
Wind Gen(MU)	13	33	47	-----	-----	93
Solar Gen (MU)*	6.12	14.79	39.23	0.68	0.02	61
Energy Shortage (MU)	5.3	0.0	0.0	0.0	0.9	6.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43037	46515	40715	19890	2259	145837

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	0.029	0.00	0.00	2.65	2.65	77.81	19.54

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	5454	0	111.0	35.4	0.3	377	0.0
	Haryana	6640	0	118.4	63.8	1.6	283	0.0
	Rajasthan	11018	93	205.4	67.0	0.9	481	0.3
	Delhi	3671	0	60.6	47.1	0.0	327	0.0
	UP	13668	0	274.4	95.9	0.4	674	0.0
	Uttarakhand	1927	0	33.8	26.6	-0.1	113	0.0
	HP	1278	4	25.9	22.5	0.0	92	0.1
	J&K	1486	371	20.2	42.2	-25.5	0	4.8
WR	Chandigarh	187	0	3.0	3.0	0.0	18	0.0
	Chhattisgarh	3303	0	69.0	0.3	-0.3	120	0.0
	Gujarat	13658	0	287.2	118.4	3.8	408	0.0
	MP	9925	0	182.9	94.1	-4.1	529	0.0
	Maharashtra	18692	0	385.5	111.0	-2.3	499	0.0
	Goa	474	0	9.7	7.7	1.4	40	0.0
	DD	304	0	7.0	6.6	0.4	61	0.0
	DNH	749	0	17.5	16.9	0.6	65	0.0
SR	Essar steel	597	0	11.3	11.3	0.0	199	0.0
	Andhra Pradesh	8299	0	169.4	50.4	0.4	463	0.0
	Telangana	9065	0	181.0	88.4	0.1	412	0.0
	Karnataka	8970	0	192.2	83.1	-2.4	1493	0.0
	Kerala	3253	0	64.7	52.3	1.6	302	0.0
	Tamil Nadu	12557	0	267.5	150.0	-0.6	341	0.0
ER	Pondy	290	0	6.3	7.1	-0.8	19	0.0
	Bihar	4474	0	68.9	63.4	-0.9	398	0.0
	DVC	2985	0	69.1	-45.8	-0.7	365	0.0
	Jharkhand	1125	0	23.6	16.2	1.1	145	0.0
	Odisha	4395	0	79.1	35.8	2.2	465	0.0
	West Bengal	6534	0	108.5	13.0	1.8	425	0.0
NER	Sikkim	93	0	1.5	1.4	0.1	25	0.0
	Arunachal Pradesh	120	1	2.0	1.8	0.3	44	0.0
	Assam	1350	12	21.8	19.3	0.1	104	0.8
	Manipur	181	1	2.5	2.7	-0.2	17	0.0
	Meghalaya	278	0	5.2	3.8	-0.2	38	0.0
	Mizoram	84	2	1.6	0.8	0.1	24	0.0
NER	Nagaland	117	1	2.0	1.9	0.0	40	0.0
	Tripura	206	4	3.3	2.0	-0.1	43	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.8	-10.6	-12.2
Day peak (MW)	86.9	-483.6	-617.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	180.5	-224.5	129.2	-88.7	2.9	-0.6
Actual(MU)	176.4	-222.5	129.1	-81.1	2.0	3.9
O/D/U/D(MU)	-4.1	2.0	-0.1	7.6	-0.9	4.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4717	13491	6022	1080	276	25586
State Sector	10610	18350	5740	5245	50	39995
Total	15327	31841	11762	6325	326	65581

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	536	1084	516	430	9	2574
Hydro	87	18	36	23	7	171
Nuclear	29	24	69	0	0	122
Gas, Naptha & Diesel	21	45	18	0	23	107
RES (Wind, Solar, Biomass & Others)	46	48	132	2	0	228
Total	719	1218	771	455	40	3202

*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(ग्रिड०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 12-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	340	0.0	7.9	-7.9
2		SASARAM-FATEHPUR	S/C	0	58	1.8	0.0	1.8
3		GAYA-BALIA	S/C	0	343	0.0	5.6	-5.6
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	337	0.0	8.0	-8.0
6	400 kV	PUSAULI-VARANASI	S/C	0	268	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	160	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	342	0.0	3.0	-3.0
9		PATNA-BALIA	Q/C	0	737	0.0	13.6	-13.6
10		BIHARSHARIFF-BALIA	D/C	0	198	0.0	2.9	-2.9
11		MOTHARI-GORAKHPUR	D/C	0	0	0.0	5.5	-5.5
12		BIHARSHARIFF-VARANASI	D/C	0	315	0.6	0.0	0.6
13	220 kV	PUSAULI-SAHUPURI	S/C	0	163	0.0	2.9	-2.9
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-CHANDAUJI	S/C	0	0	0.0	0.0	0.0
ER-NR						2.9	49.4	-46.6
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.1	0.0	10.1
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	461	0.0	2.1	-2.1
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	0	8.9	0.0	8.9
21		RANCHI-SIPAT	D/C	0	89	1.6	0.0	1.6
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	89	0.0	0.7	-0.7
23		BUDHIPADAR-KORBA	D/C	0	0	4.6	0.0	4.6
ER-WR						25.2	2.9	22.3
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	22.3	-22.3
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	343.0	0.0	16.0	-16.0
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2242.2	0.0	47.5	-47.5
27	400 kV	TALCHER-I/C	D/C	0.0	927.2	0.0	13.1	-13.1
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	85.8	-85.8
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	965	0.0	5.8	-6
30		ALIPURDUAR-BONGAIGAON	D/C	0	785	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.0	-2
ER-NER						3.9	7.9	-4.0
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	457	0.0	10.5	-10.5
NER-NR						0.0	10.5	-10.5
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1502	0.0	50.0	-50.0
34		V'CHAL B/B	D/C	250	0	5.1	0.0	5.1
35		APL -MHG	D/C	0	910	0.0	17.6	-17.6
36	765 kV	GWALIOR-AGRA	D/C	0	2610	0.0	50.6	-50.6
37		PHAGI-GWALIOR	D/C	477	1576	0.0	28.9	-28.9
38	400 kV	ZERDA-KANKROLI	S/C	215	42	2.6	0.0	2.6
39		ZERDA -BHINMAL	S/C	214	166	0.4	0.0	0.4
40		V'CHAL -RIHAND	S/C	954	0	22.0	0.0	22.0
41		RAPP-SHUJALPUR	D/C	0	502	0	3	-3
42	220 kV	BADOD-KOTA	S/C	101	0	0.7	0.0	0.7
43		BADOD-MORAK	S/C	54	32	0.2	0.2	0.0
44		MEHGAON-AURAIYA	S/C	95	0	1.3	0.0	1.3
45		MALANPUR-AURAIYA	S/C	52	0	0.5	0.0	0.5
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						32.7	150.4	-117.7
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.7	-23.7
48	LINK	176.42	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	0	1502	0.0	26.1	-26.1
50		WARDHA-NIZAMABAD	D/C	0	2165	0.0	43.3	-43.3
51	400 kV	KOLHAPUR-KUDGI	D/C	534	0	5.5	0.0	5.5
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						6.8	93.1	-86.3
TRANSNATIONAL EXCHANGE								
55		BHUTAN						1.8
56		NEPAL						-10.6
57		BANGLADESH						-12.2