



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: 03rd 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 02.02.2018.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 02-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 02nd 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

3-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	43679	45007	40794	18292	2419	150191
Peak Shortage (MW)	945	45	99	0	65	1154
Energy Met (MU)	909	1058	923	359	42	3291
Hydro Gen(MU)	98	22	50	23	7	200
Wind Gen(MU)	10	19	36	-----	-----	66
Solar Gen (MU)*	6.03	17.17	51.80	0.72	0.01	76
Energy Shortage (MU)	21.5	0.0	0.4	0.0	0.5	22.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	46405	49478	41899	18385	2494	152105

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	0.032	0.00	0.10	4.64	4.75	82.91	12.35

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	5459	0	108.2	30.8	0.4	131	0.0
	Haryana	6505	0	122.1	60.5	1.7	182	0.1
	Rajasthan	11109	1520	208.4	75.4	4.5	380	10.5
	Delhi	3883	0	64.8	44.7	-1.1	211	0.0
	UP	14301	110	295.7	102.4	1.3	753	0.6
	Uttarakhand	2134	0	36.8	28.2	0.7	174	0.0
	HP	1501	6	26.5	22.2	0.5	160	0.2
	J&K	2048	512	43.3	40.5	-0.8	68	10.2
WR	Chandigarh	220	0	3.5	3.2	0.3	34	0.0
	Chhattisgarh	3416	0	76.0	5.8	-0.4	260	0.0
	Gujarat	14033	0	302.2	137.8	2.2	420	0.0
	MP	9880	0	215.7	126.1	-1.1	294	0.0
	Maharashtra	20504	0	419.0	136.6	0.0	430	0.0
	Goa	435	0	10.0	9.1	0.2	33	0.0
	DD	318	0	7.1	7.0	0.1	49	0.0
	DNH	744	0	17.6	16.6	1.0	57	0.0
SR	Essar steel	492	0	10.3	9.6	0.8	196	0.0
	Andhra Pradesh	8319	0	164.7	46.9	-0.9	386	0.1
	Telangana	9384	0	185.2	82.7	0.3	558	0.1
	Karnataka	9983	0	214.8	94.7	0.5	726	0.1
	Kerala	3465	0	66.7	54.6	1.5	272	0.0
	Tamil Nadu	14113	0	285.2	160.4	0.1	465	0.2
ER	Pondy	338	0	6.6	6.9	-0.4	33	0.0
	Bihar	4081	0	67.4	65.0	-2.5	220	0.0
	DVC	2986	0	67.6	-46.0	-0.1	225	0.0
	Jharkhand	1174	0	22.3	14.2	-1.3	45	0.0
	Odisha	4213	0	77.3	20.5	3.0	220	0.0
	West Bengal	6691	0	122.5	16.2	2.7	225	0.0
NER	Sikkim	105	0	1.7	1.7	0.0	10	0.0
	Arunachal Pradesh	122	4	2.4	1.9	0.5	42	0.0
	Assam	1412	37	23.9	20.0	1.8	158	0.4
	Manipur	176	6	2.6	2.8	-0.2	14	0.0
	Meghalaya	326	1	5.9	4.4	-0.2	43	0.0
	Mizoram	95	2	1.8	1.1	-0.1	31	0.0
NER	Nagaland	126	4	1.9	1.9	-0.2	21	0.0
	Tripura	235	2	3.6	2.2	0.1	32	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.3	-10.3	-10.0
Day peak (MW)	144.1	-294.3	-620.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	170.5	-193.1	121.3	-103.8	4.6	-0.6
Actual(MU)	160.8	-193.7	120.0	-99.0	5.1	-6.8
O/D/U/D(MU)	-9.7	-0.6	-1.2	4.8	0.5	-6.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4437	12651	5302	1220	190	23800
State Sector	10685	16812	5510	4045	50	37102
Total	15122	29463	10812	5265	239	60902

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	568	1150	552	454	9	2732
Hydro	98	22	50	23	7	199
Nuclear	29	24	69	0	0	122
Gas, Naptha & Diesel	35	48	19	0	24	127
RES (Wind, Solar, Biomass & Others)	42	36	129	2	0	209
Total	771	1280	820	478	40	3389

*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 : 3-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	327	0.0	9.7	-9.7
2		SASARAM-FATEHPUR	S/C	0	166	0.0	0.3	-0.3
3		GAYA-BALIA	S/C	0	346	0.0	6.2	-6.2
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	247	0.0	6.1	-6.1
6	400 kV	PUSAULI-VARANASI	S/C	0	189	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	118	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	342	0.0	5.0	-5.0
9		PATNA-BALIA	Q/C	0	971	0.0	15.4	-15.4
10		BIHARSHARIFF-BALIA	D/C	0	214	0.0	3.2	-3.2
11		MOTHARI-GORAKHPUR	D/C	0	0	0.0	2.0	-2.0
12		BIHARSHARIFF-VARANASI	D/C	0	393	0.0	0.6	-0.6
13	220 kV	PUSAULI-SAHUPURI	S/C	0	158	0.0	0.7	-0.7
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.4	0.0	0.4
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						0.4	49.4	-49.0
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.0	0.0	10.0
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	531	0.0	1.8	-1.8
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	159	3.8	0.0	3.8
21		RANCHI-SIPAT	D/C	0	87	2.2	0.0	2.2
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	210	0.0	3.2	-3.2
23		BUDHIPADAR-KORBA	D/C	0	0	1.0	0.0	1.0
ER-WR						16.9	5.0	11.9
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	20.6	-20.6
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	347.1	0.0	15.6	-15.6
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2272.2	0.0	48.9	-48.9
27	400 kV	TALCHER-I/C	D/C	0.0	1061.6	0.0	16.5	-16.5
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	85.0	-85.0
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1084	0.0	7.2	-7
30		ALIPURDUAR-BONGAIGAON	D/C	0	875	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.6	-3
ER-NER						3.9	9.8	-5.9
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	10.6	-10.6
NER-NR						0.0	10.6	-10.6
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1424	0.0	26.2	-26.2
34		V'CHAL B/B	D/C	0	250	0.0	6.0	-6.0
35		APL -MHG	D/C	0	938	0.0	17.4	-17.4
36	765 kV	GWALIOR-AGRA	D/C	0	2806	0.0	49.2	-49.2
37		PHAGI-GWALIOR	D/C	492	1608	0.0	32.6	-32.6
38	400 kV	ZERDA-KANKROLI	S/C	273	0	4.4	0.0	4.4
39		ZERDA -BHINMAL	S/C	253	65	2.2	0.0	2.2
40		V'CHAL -RIHAND	S/C	982	0	22.3	0.0	22.3
41		RAPP-SHUJALPUR	D/C	0	1737	0	2	-2
42	220 kV	BADOD-KOTA	S/C	91	0	1.1	0.0	1.1
43		BADOD-MORAK	S/C	37	35	0.3	0.3	0.0
44		MEHGAON-AURAIYA	S/C	112	0	1.8	0.0	1.8
45		MALANPUR-AURAIYA	S/C	67	0	0.9	0.0	0.9
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						32.9	134.0	-101.1
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.5	-23.5
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	38	1175	0.0	19.0	-19.0
50		WARDHA-NIZAMABAD	D/C	0	2272	0.0	42.9	-42.9
51	400 kV	KOLHAPUR-KUDGI	D/C	373	41	4.9	0.0	4.9
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						6.1	85.5	-79.3
TRANSNATIONAL EXCHANGE								
55		BHUTAN						1.3
56		NEPAL						-10.3
57		BANGLADESH						-10.0