



National Load Despatch Centre

राष्ट्रीय भार प्रेषण केंद्र

POWER SYSTEM OPERATION CORPORATION LIMITED

पाँवर 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: 9th 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 08.02.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 08-Feb - 2018 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 08th 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

9-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	42879	45047	41017	18643	2371	149957
Peak Shortage (MW)	981	55	-215	0	58	879
Energy Met (MU)	926	1054	907	361	41	3290
Hydro Gen(MU)	94	27	54	31	9	215
Wind Gen(MU)	1	22	9	-----	-----	32
Solar Gen (MU)*	5.72	17.68	42.03	0.77	0.01	66
Energy Shortage (MU)	19.1	0.0	0.0	0.0	0.5	19.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	46086	48453	40412	18637	2486	154828

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	0.050	0.00	0.98	13.21	14.19	78.53	7.28

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	5485	0	118.5	45.3	-0.4	119	0.0
	Haryana	6877	0	129.0	68.4	1.7	222	0.1
	Rajasthan	10371	2150	203.4	73.1	5.5	498	8.0
	Delhi	3707	0	65.5	51.5	0.5	231	0.0
	UP	14768	410	297.9	102.2	0.4	809	0.0
	Uttarakhand	1968	0	35.1	27.7	0.0	125	0.0
	HP	1528	0	27.3	22.0	1.7	332	0.3
	J&K	2386	596	45.5	42.6	-0.7	313	10.7
	Chandigarh	209	0	3.4	3.0	0.3	36	0.0
	Chhattisgarh	3396	0	75.4	13.8	-0.8	39	0.0
WR	Gujarat	13990	0	298.8	125.6	1.7	729	0.0
	MP	9519	0	207.2	104.1	-2.5	301	0.0
	Maharashtra	20658	0	427.7	132.3	-1.6	280	0.0
	Goa	400	0	9.5	8.5	0.4	60	0.0
	DD	330	0	7.4	6.9	0.5	55	0.0
	DNH	760	0	17.8	16.7	1.1	82	0.0
	Essar steel	512	0	10.6	10.7	-0.1	126	0.0
	Chhattisgarh	3396	0	75.4	13.8	-0.8	39	0.0
SR	Andhra Pradesh	8166	0	167.8	59.8	4.5	1027	0.0
	Telangana	9410	0	182.7	73.1	-1.3	388	0.0
	Karnataka	9755	0	206.9	96.1	-1.0	574	0.0
	Kerala	3417	0	69.4	56.1	1.3	215	0.0
	Tamil Nadu	13372	0	273.6	163.7	-0.7	465	0.0
	Pondy	329	0	6.9	7.3	-0.4	35	0.0
	Bihar	3990	0	66.7	63.3	-2.8	250	0.0
ER	DVC	3003	0	68.0	-40.2	-2.1	150	0.0
	Jharkhand	1211	0	23.9	14.6	-0.2	50	0.0
	Odisha	4360	0	82.8	31.5	4.3	500	0.0
	West Bengal	6613	0	118.5	20.8	-0.1	160	0.0
	Sikkim	107	0	1.6	1.4	0.1	25	0.0
	Arunachal Pradesh	122	2	2.3	2.0	0.3	44	0.0
NER	Assam	1424	11	23.3	20.4	0.4	104	0.3
	Manipur	176	11	2.6	2.9	-0.3	17	0.0
	Meghalaya	299	11	5.1	4.5	-0.5	38	0.0
	Mizoram	91	1	1.7	1.0	-0.1	24	0.0
	Nagaland	115	5	2.1	2.1	-0.2	40	0.0
	Tripura	225	3	4.0	2.4	0.4	43	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.9	-10.3	-12.1
Day peak (MW)	110.2	-497.9	-622.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	205.9	-238.5	123.5	-93.1	4.3	2.1
Actual(MU)	195.0	-241.3	129.5	-83.4	2.7	2.5
O/D/UD(MU)	-10.9	-2.8	6.1	9.7	-1.6	0.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4717	11981	5322	1220	291	23531
State Sector	10495	17250	6310	5535	50	39640
Total	15212	29231	11632	6755	341	63171

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	571	1186	563	445	9	2775
Hydro	94	26	54	31	9	214
Nuclear	25	24	69	0	0	117
Gas, Naptha & Diesel	21	47	18	0	24	110
RES (Wind, Solar, Biomass & Others)	34	40	96	2	0	171
Total	746	1322	800	478	42	3387

*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(प्रि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES

Date of Reporting : **9-Feb-18**

Import=(+ve)
/Export =(-ve)
for NET (MU)

Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
Import/Export of ER (With NR)								
1	765kV	GAYA-VARANASI	D/C	0	328	0.0	8.1	-8.1
2		SASARAM-FATEHPUR	S/C	0	90	1.1	0.0	1.1
3		GAYA-BALIA	S/C	0	383	0.0	6.6	-6.6
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	338	0.0	8.0	-8.0
6	400 kV	PUSAULI-VARANASI	S/C	0	243	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	155	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	342	0.0	5.1	-5.1
9		PATNA-BALIA	Q/C	0	970	0.0	16.4	-16.4
10		BIHARSHARIFF-BALIA	D/C	0	317	0.0	4.7	-4.7
11		MOTIHARI-GORAKHPUR	D/C	0	0	0.0	6.1	-6.1
12		BIHARSHARIFF-VARANASI	D/C	0	260	0.0	0.5	-0.5
13	220 kV	PUSAULI-SAHUPURI	S/C	0	165	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						1.6	58.6	-57.0
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	15.2	0.0	15.2
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	374	0.0	0.9	-0.9
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	0	8.3	0.0	8.3
21		RANCHI-SIPAT	D/C	0	45	2.1	0.0	2.1
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	99	0.0	0.8	-0.8
23		BUDHIPADAR-KORBA	D/C	0	0	4.9	0.0	4.9
ER-WR						30.6	1.7	28.8
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	17.6	-17.6
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	345.7	0.0	15.0	-15.0
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2414.0	0.0	50.5	-50.5
27	400 kV	TALCHER-I/C	D/C	0.0	815.3	0.0	12.6	-12.6
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	83.1	-83.1
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1007	0.0	6.1	-6
30		ALIPURDUAR-BONGAIGAON	D/C	0	822	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.2	-2
ER-NER						3.9	8.3	-4.4
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	9.1	-9.1
NER-NR						0.0	9.1	-9.1
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1445	0.0	59.2	-59.2
34		V'CHAL B/B	D/C	250	0	6.0	0.0	6.0
35		APL -MHG	D/C	0	709	0.0	16.7	-16.7
36	765 kV	GWALIOR-AGRA	D/C	0	2726	0.0	55.5	-55.5
37		PHAGI-GWALIOR	D/C	489	1548	0.0	31.5	-31.5
38	400 kV	ZERDA-KANKROLI	S/C	157	0	1.7	0.0	1.7
39		ZERDA -BHINMAL	S/C	47	155	0.0	1.2	-1.2
40		V'CHAL -RIHAND	S/C	975	0	22.3	0.0	22.3
41		RAPP-SHUJALPUR	D/C	0	390	0	4	-4
42	220 kV	BADOD-KOTA	S/C	54	0	0.5	0.0	0.5
43		BADOD-MORAK	S/C	25	63	0.1	0.4	-0.2
44		MEHGAON-AURAIYA	S/C	93	0	1.4	0.0	1.4
45		MALANPUR-AURAIYA	S/C	48	1	0.6	0.0	0.6
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						32.6	168.2	-135.6
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49		SOLAPUR-RAICHUR	D/C	0	1785	0.0	28.3	-28.3
50	765 kV	WARDHA-NIZAMABAD	D/C	0	2135	0.0	38.1	-38.1
51	400 kV	KOLHAPUR-KUDGI	D/C	644	0	5.5	0.2	5.3
52		KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
53	220 kV	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						6.7	90.5	-83.8
TRANSNATIONAL EXCHANGE								
55		BHUTAN						1.9
56		NEPAL						-10.3
57		BANGLADESH						-12.1