



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: 8th 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 07.02.2018.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 07-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 07th 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

8-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	42738	44404	39661	18869	2418	148090
Peak Shortage (MW)	535	55	99	0	48	737
Energy Met (MU)	919	1048	930	363	43	3302
Hydro Gen(MU)	96	27	66	26	8	223
Wind Gen(MU)	6	23	13	-----	-----	43
Solar Gen (MU)*	7.46	12.32	26.66	0.55	0.02	47
Energy Shortage (MU)	11.9	0.0	1.3	0.0	0.5	13.7
Maximum Demand Met during the day (MW) (from NLDC SCADA)	47485	48376	44064	18866	2388	154894

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	0.054	0.00	1.19	14.11	15.30	76.38	8.32

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	5514	0	111.0	38.0	-0.3	116	0.0
	Haryana	6477	0	125.7	66.7	1.4	176	0.1
	Rajasthan	11148	471	206.2	75.0	1.5	335	1.2
	Delhi	3794	0	65.2	51.7	0.1	247	0.0
	UP	14488	400	298.9	105.6	0.0	334	0.0
	Uttarakhand	1996	0	35.7	27.6	0.1	131	0.0
	HP	1523	0	27.8	22.6	1.5	217	0.0
	J&K	2270	568	44.9	41.9	-0.8	170	10.6
WR	Chandigarh	212	0	3.4	3.1	0.3	38	0.0
	Chhattisgarh	3346	0	75.7	18.2	-1.1	276	0.0
	Gujarat	13478	0	292.1	121.9	4.7	718	0.0
	MP	11101	0	208.0	113.0	-3.6	439	0.0
	Maharashtra	20658	0	427.7	132.9	0.0	296	0.0
	Goa	425	0	9.3	8.5	0.2	45	0.0
	DD	330	0	7.3	6.9	0.4	58	0.0
	DNH	760	0	17.8	17.2	0.6	58	0.0
SR	Essar steel	489	0	9.9	9.5	0.4	194	0.0
	Andhra Pradesh	8650	0	168.4	58.3	2.0	861	0.2
	Telangana	9444	0	183.0	76.0	1.1	551	0.2
	Karnataka	10020	0	210.3	99.5	-2.1	321	0.3
	Kerala	3461	0	68.3	55.9	1.3	237	0.1
	Tamil Nadu	14120	0	293.3	177.2	0.2	439	0.4
ER	Pondy	332	0	6.8	7.2	-0.4	24	0.0
	Bihar	3553	0	67.4	63.9	-2.4	300	0.0
	DVC	3109	0	69.1	-40.2	-2.1	100	0.0
	Jharkhand	1177	0	24.0	14.2	0.0	70	0.0
	Odisha	4445	0	81.5	25.8	3.1	450	0.0
	West Bengal	6909	0	119.4	20.7	1.0	350	0.0
NER	Sikkim	105	0	1.4	1.5	-0.1	25	0.0
	Arunachal Pradesh	108	10	2.4	2.0	0.4	44	0.0
	Assam	1416	34	23.7	19.9	1.0	104	0.4
	Manipur	179	8	2.5	2.7	-0.3	17	0.0
	Meghalaya	330	0	5.7	3.9	-0.1	38	0.0
	Mizoram	88	4	1.7	1.0	-0.1	24	0.0
NER	Nagaland	105	5	2.3	2.1	0.1	40	0.0
	Tripura	222	0	4.2	2.3	0.6	43	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.8	-10.3	-12.5
Day peak (MW)	96.1	-510.5	-624.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	204.6	-231.0	114.3	-89.7	3.8	1.9
Actual(MU)	195.0	-236.2	122.9	-82.6	4.0	3.2
O/D/U/D(MU)	-9.6	-5.1	8.6	7.2	0.2	1.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4717	11981	5322	870	291	23181
State Sector	11480	17050	6654	4935	50	40169
Total	16197	29031	11976	5805	341	63350

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	564	1178	592	448	10	2791
Hydro	96	26	66	26	8	222
Nuclear	24	24	69	0	0	117
Gas, Naptha & Diesel	21	46	19	0	24	110
RES (Wind, Solar, Biomass & Others)	40	36	86	1	0	163
Total	745	1310	831	475	42	3403

*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 : 8-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	343	0.0	7.5	-7.5
2		SASARAM-FATEHPUR	S/C	0	144	0.7	0.0	0.7
3		GAYA-BALIA	S/C	0	405	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	337	0.0	6.4	-6.4
6	400 kV	PUSAULI-VARANASI	S/C	0	233	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	137	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	924	0.0	14.5	-14.5
10		BIHARSHARIFF-BALIA	D/C	0	336	0.0	5.0	-5.0
11		MOTHARI-GORAKHPUR	D/C	0	0	0.0	6.0	-6.0
12		BIHARSHARIFF-VARANASI	D/C	0	297	0.0	0.0	0.0
13	220 kV	PUSAULI-SAHUPURI	S/C	0	172	0.0	3.2	-3.2
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						1.2	53.0	-51.8
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	13.9	0.0	13.9
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	272	0.0	0.0	0.0
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	30	5.7	0.0	5.7
21		RANCHI-SIPAT	D/C	0	0	2.7	0.0	2.7
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	126	0.0	1.9	-1.9
23		BUDHIPADAR-KORBA	D/C	0	0	3.6	0.0	3.6
ER-WR						25.9	2.0	23.9
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.3	-18.3
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	347.1	0.0	16.1	-16.1
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2403.0	0.0	49.4	-49.4
27	400 kV	TALCHER-I/C	D/C	0.0	924.1	0.0	13.6	-13.6
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	83.7	-83.7
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	928	0.0	5.9	-6
30		ALIPURDUAR-BONGAIGAON	D/C	0	751	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.2	-2
ER-NER						3.9	8.1	-4.2
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	8.8	-8.8
NER-NR						0.0	8.8	-8.8
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1160	0.0	58.0	-58.0
34		V'CHAL B/B	D/C	250	0	4.7	0.0	4.7
35		APL -MHG	D/C	0	803	0.0	16.6	-16.6
36	765 kV	GWALIOR-AGRA	D/C	0	3048	0.0	56.0	-56.0
37		PHAGI-GWALIOR	D/C	484	1766	0.0	32.1	-32.1
38	400 kV	ZERDA-KANKROLI	S/C	178	42	1.9	0.0	1.9
39		ZERDA -BHINMAL	S/C	124	219	0.0	0.4	-0.4
40		V'CHAL -RIHAND	S/C	970	0	22.2	0.0	22.2
41		RAPP-SHUJALPUR	D/C	0	2	0	3	-3
42	220 kV	BADOD-KOTA	S/C	74	0	1.1	0.0	1.1
43		BADOD-MORAK	S/C	47	43	0.4	0.4	0.0
44		MEHGAON-AURAIYA	S/C	105	0	1.5	0.0	1.5
45		MALANPUR-AURAIYA	S/C	48	0	0.6	0.0	0.6
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						32.4	166.8	-134.4
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.8	-23.8
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	2100	1688	0.0	27.4	-27.4
50		WARDHA-NIZAMABAD	D/C	0	2119	0.0	36.4	-36.4
51	400 kV	KOLHAPUR-KUDGI	D/C	578	77	5.5	0.2	5.3
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						6.7	87.8	-81.1
TRANSNATIONAL EXCHANGE								
55		BHUTAN						1.8
56		NEPAL						-10.3
57		BANGLADESH						-12.5