



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: 07th 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 06.02.2018.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 06-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 06th 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

7-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	42501	44818	41134	18900	2399	149752
Peak Shortage (MW)	662	89	0	0	32	783
Energy Met (MU)	921	1056	932	357	42	3308
Hydro Gen(MU)	94	26	54	22	8	203
Wind Gen(MU)	13	32	28	-----	-----	72
Solar Gen (MU)*	9.29	9.31	45.14	0.75	0.01	64
Energy Shortage (MU)	10.9	0.0	1.2	0.0	0.6	12.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	46573	49132	43911	18883	2352	154941

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	0.042	0.00	0.09	10.83	10.93	80.76	8.31

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	5321	0	110.4	35.3	0.4	137	0.0
	Haryana	6589	0	123.9	66.6	0.9	170	0.0
	Rajasthan	11117	0	210.5	71.9	1.3	320	0.2
	Delhi	3743	0	63.8	47.5	-1.3	162	0.0
	UP	15015	0	300.4	102.4	-0.6	424	0.0
	Uttarakhand	2029	0	36.5	28.7	0.0	127	0.0
	HP	1473	0	26.9	22.4	0.8	203	0.0
	J&K	2206	552	45.6	41.1	0.6	191	10.8
WR	Chandigarh	181	0	3.3	3.0	0.3	34	0.0
	Chhattisgarh	3444	0	73.6	12.4	-2.6	89	0.0
	Gujarat	13624	0	292.8	121.9	3.5	368	0.0
	MP	11414	0	212.8	114.4	-2.0	247	0.0
	Maharashtra	21190	0	432.5	132.5	1.9	313	0.0
	Goa	465	0	9.6	8.6	0.3	55	0.0
	DD	322	0	7.0	6.7	0.2	59	0.0
	DNH	771	0	17.9	16.8	1.1	84	0.0
SR	Essar steel	489	0	9.6	9.1	0.5	150	0.0
	Andhra Pradesh	8350	0	166.7	58.3	-0.1	339	0.2
	Telangana	9249	0	183.8	77.6	0.0	432	0.2
	Karnataka	9947	0	213.8	95.4	-1.2	476	0.3
	Kerala	3642	0	69.6	57.3	1.5	201	0.1
	Tamil Nadu	14185	0	291.6	168.2	1.4	414	0.4
ER	Pondy	332	0	6.7	7.3	-0.5	25	0.0
	Bihar	3923	0	68.2	63.2	-1.3	50	0.0
	DVC	3118	0	67.7	-38.7	-1.3	150	0.0
	Jharkhand	1115	0	23.9	14.3	-0.7	50	0.0
	Odisha	4309	0	77.8	26.0	1.1	350	0.0
	West Bengal	6769	0	118.1	24.5	1.8	210	0.0
NER	Sikkim	101	0	1.6	1.5	0.1	20	0.0
	Arunachal Pradesh	113	7	2.4	2.0	0.4	44	0.0
	Assam	1402	20	23.5	20.0	0.8	104	0.4
	Manipur	178	3	2.5	2.8	-0.3	17	0.0
	Meghalaya	314	3	5.6	4.2	-0.2	38	0.0
	Mizoram	90	2	1.7	1.1	-0.3	24	0.0
NER	Nagaland	110	2	2.1	2.0	-0.1	40	0.0
	Tripura	224	0	3.7	2.2	0.1	43	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.8	-8.7	-12.4
Day peak (MW)	109.8	-444.9	-628.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	192.0	-233.2	118.3	-78.0	4.1	3.2
Actual(MU)	183.2	-233.6	121.8	-74.2	3.5	0.7
O/D/U/D(MU)	-8.8	-0.4	3.6	3.8	-0.6	-2.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4927	11981	4662	1220	326	23116
State Sector	10685	17117	6444	4935	50	39231
Total	15612	29098	11106	6155	376	62347

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	569	1171	573	435	9	2757
Hydro	94	25	54	22	8	202
Nuclear	24	24	69	0	0	117
Gas, Naptha & Diesel	25	46	18	0	24	112
RES (Wind, Solar, Biomass & Others)	47	41	119	2	0	209
Total	758	1307	833	459	41	3398

*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(ग्रि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 7-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	264	0.0	6.0	-6.0
2		SASARAM-FATEHPUR	S/C	0	61	2.0	0.0	2.0
3		GAYA-BALIA	S/C	0	335	0.0	6.0	-6.0
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0
6	400 kV	PUSAULI-VARANASI	S/C	0	207	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	96	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	911	0.0	14.0	-14.0
10		BIHARSHARIFF-BALIA	D/C	0	275	0.0	4.0	-4.0
11		MOTHARI-GORAKHPUR	D/C	0	0	0.0	6.0	-6.0
12		BIHARSHARIFF-VARANASI	D/C	0	376	1.0	0.0	1.0
13	220 kV	PUSAULI-SAHUPURI	S/C	0	167	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	0.0	0.0	0.0
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						3.0	48.0	-45.0
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	13.0	0.0	13.0
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	232	1.0	0.0	1.0
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	65	6.0	0.0	6.0
21		RANCHI-SIPAT	D/C	0	0	3.0	0.0	3.0
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	175	0.0	2.0	-2.0
23		BUDHIPADAR-KORBA	D/C	0	1	2.0	0.0	2.0
ER-WR						25.0	2.0	23.0
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	18.0	-18.0
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	350.0	0.0	16.0	-16.0
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2518.0	0.0	45.0	-45.0
27	400 kV	TALCHER-I/C	D/C	0.0	1199.0	0.0	14.0	-14.0
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	79.0	-79.0
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1204	0.0	6.0	-6
30		ALIPURDUAR-BONGAIGAON	D/C	0	965	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.0	-2
ER-NER						3.9	8.0	-4.1
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	700	0.0	10.4	-10.4
NER-NR						0.0	10.4	-10.4
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1602	0.0	60.5	-60.5
34		V'CHAL B/B	D/C	250	0	6.1	0.0	6.1
35		APL -MHG	D/C	0	910	0.0	21.2	-21.2
36	765 kV	GWALIOR-AGRA	D/C	0	3012	0.0	52.8	-52.8
37		PHAGI-GWALIOR	D/C	480	1626	0.0	30.3	-30.3
38	400 kV	ZERDA-KANKROLI	S/C	236	22	3.0	0.0	3.0
39		ZERDA -BHINMAL	S/C	188	147	1.1	0.0	1.1
40		V'CHAL -RIHAND	S/C	963	0	22.3	0.0	22.3
41		RAPP-SHUJALPUR	D/C	0	403	0	2	-2
42	220 kV	BADOD-KOTA	S/C	77	0	1.2	0.0	1.2
43		BADOD-MORAK	S/C	50	6	0.5	0.0	0.5
44		MEHGAON-AURAIYA	S/C	92	0	1.5	0.0	1.5
45		MALANPUR-AURAIYA	S/C	47	0	0.7	0.0	0.7
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						36.3	167.1	-130.7
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	0	1796	0.0	27.4	-27.4
50		WARDHA-NIZAMABAD	D/C	0	2045	0.0	38.8	-38.8
51	400 kV	KOLHAPUR-KUDGI	D/C	531	128	4.2	0.5	3.7
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						5.5	90.7	-85.2
TRANSNATIONAL EXCHANGE								
55		BHUTAN						1.8
56		NEPAL						-8.7
57		BANGLADESH						-12.4