



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: 26th 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 25.02.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 25-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 25th 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 26-Feb-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	38540	42612	40469	18501	2301	142423
Peak Shortage (MW)	581	0	0	0	68	649
Energy Met (MU)	859	1107	950	356	40	3311
Hydro Gen(MU)	103	15	46	21	6	192
Wind Gen(MU)	22	39	69	-----	-----	130
Solar Gen (MU)*	6.28	18.08	58.44	0.70	0.02	84
Energy Shortage (MU)	12.9	0.0	0.0	-0.1	0.6	13.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41751	48758	42659	18503	2270	146905

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	0.039	0.00	0.00	11.16	11.16	82.57	6.27

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	4861	0	103.8	30.4	0.1	164	0.0
	Haryana	6153	0	112.6	65.4	0.6	194	0.7
	Rajasthan	10602	0	200.7	58.8	0.8	576	0.0
	Delhi	3314	0	58.1	45.8	-0.6	174	0.0
	UP	13794	740	284.1	105.0	0.1	506	1.9
	Uttarakhand	1692	0	32.0	24.3	-1.0	133	0.0
	HP	1320	0	22.6	19.8	-1.2	67	1.0
	J&K	2065	548	42.5	40.2	-1.9	75	9.2
WR	Chandigarh	173	0	2.7	3.0	-0.3	4	0.0
	Chhattisgarh	3391	0	78.0	17.6	-1.5	100	0.0
	Gujarat	13933	0	307.4	135.9	0.6	438	0.0
	MP	9795	0	251.4	111.3	-1.6	456	0.0
	Maharashtra	19956	0	427.2	140.5	-0.3	341	0.0
	Goa	417	0	8.8	8.2	0.0	10	0.0
	DD	307	0	6.8	6.8	0.1	41	0.0
	DNH	749	0	17.6	16.8	0.8	59	0.0
SR	Essar steel	484	0	9.7	9.3	0.4	206	0.0
	Andhra Pradesh	8573	0	173.9	43.8	-0.6	375	0.0
	Telangana	9533	0	202.7	93.2	-0.5	400	0.0
	Karnataka	9529	0	213.6	75.0	-1.9	450	0.0
	Kerala	3382	0	66.7	49.9	1.8	226	0.0
	Tamil Nadu	12940	0	285.5	141.8	0.3	485	0.0
ER	Pondy	317	0	7.3	7.2	0.1	89	0.0
	Bihar	4295	0	70.0	63.5	-1.4	180	0.0
	DVC	3046	0	67.4	-50.1	-1.1	200	0.0
	Jharkhand	1122	0	22.4	16.1	0.2	48	0.0
	Odisha	4062	0	77.4	34.8	2.6	220	0.0
	West Bengal	6463	0	117.2	12.1	1.0	220	0.0
NER	Sikkim	96	0	1.6	1.5	0.0	10	0.0
	Arunachal Pradesh	124	1	2.1	1.8	0.2	79	0.0
	Assam	1335	35	22.6	17.9	1.4	100	0.5
	Manipur	174	2	2.4	2.6	-0.2	12	0.0
	Meghalaya	310	0	5.5	3.5	0.1	52	0.0
	Mizoram	85	3	1.3	1.1	0.2	28	0.0
NER	Nagaland	125	4	2.0	1.9	0.0	66	0.0
	Tripura	231	3	3.4	2.3	0.2	45	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.5	-10.3	-13.6
Day peak (MW)	97.4	-290.5	-643.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	166.9	-166.6	102.8	-106.1	3.7	0.7
Actual(MU)	176.4	-171.2	93.1	-93.5	5.0	9.8
O/D/U/D(MU)	9.5	-4.7	-9.7	12.6	1.3	9.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4997	14731	5002	1070	293	26093
State Sector	11145	18936	4210	4135	50	38476
Total	16142	33667	9212	5205	343	64569

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	515	1154	585	456	9	2718
Hydro	103	15	46	21	6	192
Nuclear	28	21	47	0	0	96
Gas, Naptha & Diesel	20	49	19	0	23	111
RES (Wind, Solar, Biomass & Others)	55	57	170	2	0	285
Total	721	1296	867	479	38	3402

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

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 26-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	417	0.0	7.0	-7.0
2		SASARAM-FATEHPUR	S/C	0	130	0.1	0.0	0.1
3		GAYA-BALIA	S/C	0	401	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	196	0.0	1.8	-1.8
6	400 kV	PUSAULI-VARANASI	S/C	0	153	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	95	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	236	0.0	2.3	-2.3
9		PATNA-BALIA	Q/C	0	772	0.0	13.8	-13.8
10		BIHARSHARIFF-BALIA	D/C	0	185	0.0	2.9	-2.9
11		MOTHARI-GORAKHPUR	D/C	0	336	0.0	6.6	-6.6
12		BIHARSHARIFF-VARANASI	D/C	0	286	0.0	0.9	-0.9
13	220 kV	PUSAULI-SAHUPURI	S/C	0	174	0.0	2.7	-2.7
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						0.5	43.6	-43.1
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	0.2	0.0	0.2
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	390	0.0	2.4	-2.4
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	224	4.3	0.0	4.3
21		RANCHI-SIPAT	D/C	0	73	1.0	0.0	1.0
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	98	0.0	0.8	-0.8
23		BUDHIPADAR-KORBA	D/C	0	0	3.7	0.0	3.7
ER-WR						9.1	3.1	6.0
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	19.1	-19.1
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	420.7	0.0	15.5	-15.5
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2292.6	0.0	44.7	-44.7
27	400 kV	TALCHER-I/C	D/C	0.0	1134.3	0.0	17.8	-17.8
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	79.3	-79.3
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1179	0.0	7.5	-8
30		ALIPURDUAR-BONGAIGAON	D/C	0	950	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.6	-3
ER-NER						3.9	10.1	-6.2
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	11.0	-11.0
NER-NR						0.0	11.0	-11.0
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1377	0.0	51.6	-51.6
34		V'CHAL B/B	D/C	250	0	3.0	0.0	3.0
35		APL -MHG	D/C	0	709	0.0	13.5	-13.5
36	765 kV	GWALIOR-AGRA	D/C	0	2840	0.0	48.5	-48.5
37		PHAGI-GWALIOR	D/C	482	1332	0.0	25.9	-25.9
38	400 kV	ZERDA-KANKROLI	S/C	341	0	5.5	0.0	5.5
39		ZERDA -BHINMAL	S/C	342	17	4.1	0.0	4.1
40		V'CHAL -RIHAND	S/C	969	0	21.3	0.0	21.3
41		RAPP-SHUJALPUR	D/C	0	257	0	2	-2
42	220 kV	BADOD-KOTA	S/C	95	8	1.0	0.0	1.0
43		BADOD-MORAK	S/C	55	57	0.4	0.3	0.2
44		MEHGAON-AURAIYA	S/C	95	0	1.7	0.0	1.7
45		MALANPUR-AURAIYA	S/C	51	0	0.8	0.0	0.8
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						37.9	142.0	-104.1
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.3	-21.3
48	LINK	176.42	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	436	1082	0.0	11.9	-11.9
50		WARDHA-NIZAMABAD	D/C	0	1782	0.0	32.0	-32.0
51	400 kV	KOLHAPUR-KUDGI	D/C	642	0	9.1	0.0	9.1
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	109	0	2.2	0.0	2.2
WR-SR						11.3	65.2	-53.9
TRANSNATIONAL EXCHANGE								
55		BHUTAN						1.5
56		NEPAL						-10.3
57		BANGLADESH						-13.6