



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: 6th Mar 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 05.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 05-Mar-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 5th Mar 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

6-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	40321	45509	43412	18928	2333	150502
Peak Shortage (MW)	488	67	116	0	52	723
Energy Met (MU)	863	1074	1005	382	39	3362
Hydro Gen(MU)	113	25	83	28	10	259
Wind Gen(MU)	5	25	34	-----	-----	63
Solar Gen (MU)*	6.31	18.08	56.15	0.48	0.02	81
Energy Shortage (MU)	10.8	0.0	0.0	0.0	0.5	11.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41944	49184	44755	18973	2276	153468

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	0.062	0.00	0.71	19.94	20.65	75.05	4.31

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	5882	0	119.1	26.7	0.3	135	0.0
	Haryana	6403	0	122.3	66.0	1.7	241	1.0
	Rajasthan	9760	0	186.8	59.3	2.7	661	0.0
	Delhi	3251	0	60.7	53.6	-1.2	124	0.0
	UP	13588	0	270.4	94.9	-1.1	421	0.0
	Uttarakhand	1716	0	33.0	23.0	0.7	235	0.0
	HP	1456	0	25.7	19.7	1.0	133	0.0
	J&K	2039	510	41.6	38.9	-2.5	137	9.8
WR	Chandigarh	175	0	3.0	3.0	0.0	27	0.0
	Chhattisgarh	3618	0	78.2	34.0	-1.8	53	0.0
	Gujarat	14192	0	313.4	139.7	7.2	468	0.0
	MP	9048	0	187.1	89.6	-3.8	266	0.0
	Maharashtra	21186	0	450.5	136.2	0.0	471	0.0
	Goa	567	0	10.1	9.1	1.1	111	0.0
	DD	333	0	7.3	6.3	1.0	120	0.0
	DNH	749	0	17.3	16.0	1.3	103	0.0
SR	Essar steel	452	0	9.6	10.1	-0.5	184	0.0
	Andhra Pradesh	8733	0	176.0	44.2	0.1	498	0.0
	Telangana	9883	0	212.1	96.2	-0.3	473	0.0
	Karnataka	10073	0	224.1	80.0	0.1	546	0.0
	Kerala	3744	0	74.9	47.9	1.7	189	0.0
	Tamil Nadu	14282	0	310.7	159.7	1.1	528	0.0
ER	Pondy	342	0	7.1	7.5	-0.4	28	0.0
	Bihar	4193	0	72.9	64.4	0.6	200	0.0
	DVC	2944	0	66.0	-34.6	-1.9	220	0.0
	Jharkhand	1118	0	23.4	14.3	-0.6	45	0.0
	Odisha	4124	0	81.5	33.7	2.0	225	0.0
	West Bengal	6867	0	136.3	24.4	1.5	220	0.0
NER	Sikkim	101	0	1.5	1.5	0.0	10	0.0
	Arunachal Pradesh	120	1	2.2	2.4	-0.3	59	0.0
	Assam	1365	75	22.4	18.4	0.7	146	0.4
	Manipur	166	2	2.3	2.4	-0.1	22	0.0
	Meghalaya	299	0	5.5	3.7	-0.2	57	0.0
	Mizoram	79	1	1.3	1.3	0.0	34	0.0
NER	Nagaland	112	3	1.9	1.9	-0.2	40	0.0
	Tripura	244	6	3.8	2.9	0.4	26	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.3	-9.6	-14.1
Day peak (MW)	210.9	-483.4	-652.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	138.0	-136.9	95.8	-96.3	2.7	3.3
Actual(MU)	129.6	-134.4	98.1	-91.7	1.7	3.3
O/D/U/D(MU)	-8.4	2.5	2.3	4.6	-1.0	0.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4762	16166	6712	980	293	28914
State Sector	10300	18376	4700	5665	50	39091
Total	15062	34542	11412	6645	343	68004

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	555	1095	637	468	10	2764
Hydro	113	25	83	28	10	259
Nuclear	28	24	47	0	0	99
Gas, Naptha & Diesel	16	50	19	0	23	108
RES (Wind, Solar, Biomass & Others)	39	43	136	1	0	219
Total	752	1237	923	497	42	3450

*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 : 6-Mar-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	394	0.0	4.3	-4.3
2		SASARAM-FATEHPUR	S/C	0	181	0.0	1.2	-1.2
3		GAYA-BALIA	S/C	0	340	0.0	4.2	-4.2
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	4.7	-4.7
6	400 kV	PUSAULI-VARANASI	S/C	0	163	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	92	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	451	0.0	7.0	-7.0
9		PATNA-BALIA	Q/C	0	858	0.0	15.2	-15.2
10		BIHARSHARIFF-BALIA	D/C	0	236	0.0	4.0	-4.0
11		MOTHARI-GORAKHPUR	D/C	0	362	0.0	6.3	-6.3
12		BIHARSHARIFF-VARANASI	D/C	0	57	0.0	2.0	-2.0
13	220 kV	PUSAULI-SAHUPURI	S/C	0	159	0.0	3.1	-3.1
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.7	0.0	0.7
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						0.7	52.0	-51.3
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	7.0	0.0	7.0
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	616	0.0	7.9	-7.9
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	259	0.0	3.4	-3.4
21		RANCHI-SIPAT	D/C	0	161	0.0	0.9	-0.9
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	148	0.0	2.4	-2.4
23		BUDHIPADAR-KORBA	D/C	0	0	2.5	0.0	2.5
ER-WR						9.5	14.7	-5.2
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	29.9	-29.9
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	289.8	0.0	13.5	-13.5
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2126.9	0.0	46.6	-46.6
27	400 kV	TALCHER-I/C	D/C	0.0	79.9	10.1	0.7	9.4
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	90.0	-90.0
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	179	3.8	0.0	4
30		ALIPURDUAR-BONGAIGAON	D/C	0	186	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.4	0
ER-NER						7.7	0.4	7.3
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	500	0	11.6	0.0	11.6
NER-NR						11.6	0.0	11.6
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	2109	0.0	45.4	-45.4
34		V'CHAL B/B	D/C	250	0	6.0	0.0	6.0
35		APL -MHG	D/C	0	709	0.0	14.4	-14.4
36	765 kV	GWALIOR-AGRA	D/C	0	2484	0.0	49.0	-49.0
37		PHAGI-GWALIOR	D/C	485	1362	0.0	26.7	-26.7
38	400 kV	ZERDA-KANKROLI	S/C	456	0	7.6	0.0	7.6
39		ZERDA -BHINMAL	S/C	456	0	6.0	0.0	6.0
40		V'CHAL -RIHAND	S/C	970	0	22.5	0.0	22.5
41		RAPP-SHUJALPUR	D/C	0	299	0	3	-3
42	220 kV	BADOD-KOTA	S/C	84	0	1.1	0.0	1.1
43		BADOD-MORAK	S/C	53	22	0.4	0.1	0.3
44		MEHGAON-AURAIYA	S/C	86	0	1.4	0.0	1.4
45		MALANPUR-AURAIYA	S/C	51	0	0.6	0.0	0.6
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						45.7	138.2	-92.5
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	600	0.0	14.4	-14.4
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	0	1224	0.0	0.0	0.0
50		WARDHA-NIZAMABAD	D/C	0	2052	0.0	34.6	-34.6
51	400 kV	KOLHAPUR-KUDGI	D/C	543	0	7.0	0.0	7.0
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						9.2	49.0	-39.8
TRANSNATIONAL EXCHANGE								
55		BHUTAN						3.3
56		NEPAL						-9.6
57		BANGLADESH						-14.1