



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: 17th 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 16.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 16-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 16th 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 17-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	40995	44206	41124	19768	2213	148306
Peak Shortage (MW)	996	0	83	122	178	1378
Energy Met (MU)	934	1069	993	395	38	3429
Hydro Gen(MU)	105	19	63	29	8	224
Wind Gen(MU)	3	36	25	-----	-----	63
Solar Gen (MU)*	8.95	17.83	38.41	0.55	0.01	66
Energy Shortage (MU)	14.1	0.0	0.0	0.4	1.8	16.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43853	48356	45752	20118	2149	152504

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	0.031	0.00	0.06	5.50	5.56	85.31	9.13

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	6276	38	130.7	31.2	-0.5	113	0.0
	Haryana	6467	94	134.8	55.5	3.3	292	1.8
	Rajasthan	9664	253	193.7	54.8	2.0	408	0.4
	Delhi	3560	0	69.9	57.7	-0.1	251	0.0
	UP	13871	500	298.2	100.1	1.6	621	1.9
	Uttarakhand	1813	0	34.6	26.5	0.7	235	0.2
	HP	1453	0	26.6	20.5	1.6	337	0.0
	J&K	1982	496	42.2	39.9	-2.6	33	9.9
WR	Chandigarh	172	0	3.2	3.0	0.2	35	0.0
	Chhattisgarh	3473	0	81.5	18.2	-2.4	90	0.0
	Gujarat	14873	0	326.2	157.8	4.3	434	0.0
	MP	8832	0	181.5	79.6	-4.0	344	0.0
	Maharashtra	20209	0	435.4	133.4	-4.3	428	0.0
	Goa	459	0	9.2	9.9	-1.0	19	0.0
	DD	326	0	7.4	6.7	0.7	45	0.0
	DNH	736	0	17.4	16.8	0.5	58	0.0
SR	Essar steel	546	0	10.5	10.1	0.4	207	0.0
	Andhra Pradesh	8983	0	181.4	54.3	0.8	962	0.0
	Telangana	9994	0	208.7	102.1	-1.1	594	0.0
	Karnataka	9920	0	196.9	76.5	-2.2	571	0.0
	Kerala	3702	0	73.9	50.8	1.7	252	0.0
	Tamil Nadu	13929	0	324.1	169.5	1.2	660	0.0
ER	Pondy	368	0	7.8	8.1	-0.3	34	0.0
	Bihar	4276	0	73.2	68.0	-2.1	352	0.0
	DVC	3001	0	66.9	-49.3	0.7	302	0.0
	Jharkhand	1082	122	25.0	14.2	0.8	145	0.4
	Odisha	3936	0	78.1	28.8	1.6	398	0.0
	West Bengal	8215	0	150.4	32.9	0.1	402	0.0
NER	Sikkim	102	0	1.7	1.5	0.2	25	0.0
	Arunachal Pradesh	111	1	2.2	1.9	0.3	59	0.0
	Assam	1273	130	20.7	17.1	0.7	146	1.7
	Manipur	171	4	2.3	2.5	-0.2	22	0.0
	Meghalaya	304	0	5.2	3.3	-0.1	57	0.0
	Mizoram	85	2	1.6	1.0	0.0	34	0.0
NER	Nagaland	130	3	2.1	1.9	0.1	40	0.0
	Tripura	251	1	3.9	3.1	0.1	26	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.8	-8.3	-14.2
Day peak (MW)	216.4	-394.3	-628.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	135.6	-168.0	116.2	-86.8	2.8	-0.2
Actual(MU)	138.2	-167.1	109.1	-82.8	2.0	-0.6
O/D/U/D(MU)	2.6	0.9	-7.1	4.1	-0.8	-0.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5611	15641	5852	1580	245	28929
State Sector	9825	16786	3920	4535	50	35116
Total	15436	32427	9772	6115	295	64044

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	607	1096	655	471	9	2838
Hydro	105	19	63	29	8	224
Nuclear	28	24	46	0	0	98
Gas, Naptha & Diesel	32	51	21	0	23	127
RES (Wind, Solar, Biomass & Others)	40	54	110	2	0	205
Total	812	1243	895	502	40	3493

*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 : 17-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	279	0.0	3.4	-3.4
2		SASARAM-FATEHPUR	S/C	0	0	3.0	0.0	3.0
3		GAYA-BALIA	S/C	0	410	0.0	6.8	-6.8
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	167	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	85	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	272	0.0	2.1	-2.1
9		PATNA-BALIA	Q/C	0	881	0.0	14.6	-14.6
10		BIHARSHARIFF-BALIA	D/C	0	281	0.0	4.4	-4.4
11		MOTIHARI-GORAKHPUR	D/C	0	287	0.0	4.9	-4.9
12		BIHARSHARIFF-VARANASI	D/C	0	286	0.2	0.0	0.2
13	220 kV	PUSAULI-SAHUPURI	S/C	0	173	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-CHANDAUJI	S/C	0	0	0.0	0.0	0.0
ER-NR						4.0	44.0	-40.0
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.7	0.0	10.7
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	273	0.0	0.5	-0.5
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	141	3.3	0.0	3.3
21		RANCHI-SIPAT	D/C	0	21	1.7	0.0	1.7
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	150	2.2	0.0	2.2
23		BUDHIPADAR-KORBA	D/C	0	0	0.0	3.5	-3.5
ER-WR						17.9	4.0	13.9
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	28.7	-28.7
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	311.6	0.0	14.0	-14.0
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2262.8	0.0	45.0	-45.0
27	400 kV	TALCHER-I/C	D/C	0.0	819.8	0.0	14.3	-14.3
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	87.7	-87.7
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	950	0.0	6.4	-6
30		ALIPURDUAR-BONGAIGAON	D/C	0	782	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.2	-2
ER-NER						3.9	8.6	-4.7
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	501	0.0	12.0	-12.0
NER-NR						0.0	12.0	-12.0
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1155	0.0	46.4	-46.4
34		V'CHAL B/B	D/C	250	0	4.6	0.0	4.6
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2172	0.0	45.7	-45.7
37		PHAGI-GWALIOR	D/C	487	1390	0.0	23.6	-23.6
38	400 kV	ZERDA-KANKROLI	S/C	388	0	7.1	0.0	7.1
39		ZERDA -BHINMAL	S/C	381	0	5.3	0.0	5.3
40		V'CHAL -RIHAND	S/C	970	0	22.6	0.0	22.6
41		RAPP-SHUJALPUR	D/C	0	306	0	2	-2
42	220 kV	BADOD-KOTA	S/C	68	0	0.3	0.0	0.3
43		BADOD-MORAK	S/C	39	48	0.2	0.2	0.0
44		MEHGAON-AURAIYA	S/C	87	0	1.4	0.0	1.4
45		MALANPUR-AURAIYA	S/C	46	4	0.5	0.0	0.5
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						42.0	125.7	-83.7
Import/Export of WR (With SR)								
47	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.5	-21.5
48	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
49	765 kV	SOLAPUR-RAICHUR	D/C	0	1202	0.0	14.7	-14.7
50		WARDHA-NIZAMABAD	D/C	0	2031	0.0	38.1	-38.1
51	400 kV	KOLHAPUR-KUDGI	D/C	560	0	6.5	0.0	6.5
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						8.7	74.2	-65.5
TRANSNATIONAL EXCHANGE								
55		BHUTAN						3.8
56		NEPAL						-8.3
57		BANGLADESH						-14.2