



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: 4th 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 03.03.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 03-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 3rd 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

4-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	36586	43310	42683	18581	2183	143343
Peak Shortage (MW)	476	43	0	0	115	635
Energy Met (MU)	797	1010	995	358	35	3194
Hydro Gen(MU)	112	24	62	29	7	234
Wind Gen(MU)	13	43	33	-----	-----	89
Solar Gen (MU)*	8.45	18.32	53.64	1.40	0.02	82
Energy Shortage (MU)	10.3	0.0	0.0	0.0	2.0	12.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	38512	48159	44847	18691	2134	146839

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	0.027	0.00	0.00	4.91	4.91	85.12	9.98

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	4557	0	94.6	28.2	0.2	154	0.0
	Haryana	5408	0	103.7	59.3	0.8	198	0.0
	Rajasthan	9507	0	184.3	49.5	3.0	718	0.0
	Delhi	2887	0	53.2	49.1	-0.5	148	0.0
	UP	13239	0	269.3	97.0	4.0	853	0.6
	Uttarakhand	1562	0	26.6	19.1	-1.0	97	0.0
	HP	1176	0	20.7	16.2	0.0	77	0.0
	J&K	1905	476	41.8	39.1	-1.8	100	9.6
WR	Chhattisgarh	159	0	2.9	3.0	-0.1	21	0.0
	Gujarat	3368	0	70.9	23.8	-1.1	107	0.0
	MP	13159	0	275.4	124.9	1.2	309	0.0
	MP	9295	0	184.7	81.5	-3.2	455	0.0
	Maharashtra	21116	0	441.3	148.1	-1.0	431	0.0
	Goa	457	0	9.1	8.6	-0.1	25	0.0
	DD	264	0	5.0	5.0	0.0	18	0.0
	DNH	638	0	12.9	12.5	0.4	77	0.0
SR	Essar steel	500	0	10.3	9.8	0.5	187	0.0
	Andhra Pradesh	8791	0	173.4	53.0	0.8	478	0.0
	Telangana	9693	0	206.2	93.0	1.5	398	0.0
	Karnataka	10183	0	225.1	88.6	0.4	362	0.0
	Kerala	3612	0	73.6	50.0	1.6	195	0.0
	Tamil Nadu	14589	0	309.4	158.8	0.9	485	0.0
	Pondy	344	0	6.9	7.3	-0.4	35	0.0
	ER	Bihar	4112	0	68.7	62.8	-1.0	250
DVC		2880	0	60.4	-40.0	-0.3	400	0.0
Jharkhand		1115	0	22.8	13.9	-0.9	80	0.0
Odisha		4367	0	83.4	39.8	1.1	380	0.0
West Bengal		6507	0	122.2	19.9	1.8	400	0.0
Sikkim		87	0	0.8	1.7	-0.9	0	0.0
NER	Arunachal Pradesh	101	15	2.0	2.0	0.0	59	0.0
	Assam	1227	5	17.5	15.6	-1.0	146	1.9
	Manipur	162	8	2.2	2.5	-0.2	22	0.0
	Meghalaya	297	1	5.3	3.6	-0.3	57	0.0
	Mizoram	85	12	1.4	1.4	0.0	34	0.0
	Nagaland	125	4	2.1	1.9	0.0	40	0.0
	Tripura	219	2	3.8	2.7	0.0	26	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.2	-6.7	-13.7
Day peak (MW)	188.0	-461.8	-653.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	131.6	-153.2	106.0	-88.8	4.0	-0.3
Actual(MU)	127.7	-156.2	116.2	-84.3	1.3	4.7
O/D/U/D(MU)	-3.9	-3.0	10.1	4.6	-2.7	5.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4997	15396	6052	270	181	26896
State Sector	12180	18958	4610	5705	50	41503
Total	17177	34354	10662	5975	231	68399

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	489	1046	636	439	7	2616
Hydro	112	23	62	29	7	234
Nuclear	28	24	47	0	0	99
Gas, Naptha & Diesel	12	41	20	0	23	95
RES (Wind, Solar, Biomass & Others)	49	61	132	2	0	245
Total	690	1196	896	470	37	3289

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/सदक सचिव(पर्यवण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०आ०(वि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोलोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting :	4-Mar-18
Sl 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	345	0.0	4.8	-4.8	
2		SASARAM-FATEHPUR	S/C	0	165	0.1	0.0	0.1	
3		GAYA-BALIA	S/C	0	330	0.0	4.5	-4.5	
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	171	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	424	0.0	4.6	-4.6	
9		PATNA-BALIA	Q/C	0	925	0.0	14.8	-14.8	
10		BIHARSHARIFF-BALIA	D/C	0	224	0.0	3.2	-3.2	
11		MOTIHARI-GORAKHPUR	D/C	0	357	0.0	5.6	-5.6	
12	BIHARSHARIFF-VARANASI	D/C	0	245	0.0	0.8	-0.8		
13	220 kV	PUSAULI-SAHUPURI	S/C	0	151	0.0	2.8	-2.8	
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.6	0.0	0.6	
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	0.6	45.7	-45.1
Import/Export of ER (With WR)									
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.6	0.0	12.6	
19	400 kV	NEW RANCHI-DHARAMJAIGARH	D/C	0	617	0.0	5.5	-5.5	
20		JHARSUGUDA-RAIGARH	Q/C	0	147	0.1	0.0	0.1	
21		RANCHI-SIPAT	D/C	0	144	0.0	0.0	0.0	
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	138	0.0	2.2	-2.2	
23		BUDHIPADAR-KORBA	D/C	0	0	2.7	0.0	2.7	
						ER-WR	15.3	7.8	7.5
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	347.1	0.0	14.3	-14.3	
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2263.5	0.0	45.5	-45.5	
27	400 kV	TALCHER-I/C	D/C	0.0	955.4	0.0	3.9	-3.9	
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	88.5	-88.5
Import/Export of ER (With NER)									
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	969	0.0	2.1	-2	
30		ALIPURDUAR-BONGAIGAON	D/C	0	787	3.9	0.0	4	
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.2	-1	
						ER-NER	3.9	3.3	0.6
Import/Export of NER (With NR)									
32	HVDC	BISWANATH CHARIALI-AGRA	-	492	654	2.5	5.4	-2.8	
						NER-NR	2.5	5.4	-2.8
Import/Export of WR (With NR)									
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1172	0.0	39.7	-39.7	
34		V'CHAL B/B	D/C	250	0	6.0	0.0	6.0	
35		APL -MHG	D/C	0	408	0.0	11.1	-11.1	
36	765 kV	GWALIOR-AGRA	D/C	0	2644	0.0	44.3	-44.3	
37		PHAGI-GWALIOR	D/C	474	1410	0.0	23.8	-23.8	
38	400 kV	ZERDA-KANKROLI	S/C	449	0	6.7	0.0	6.7	
39		ZERDA -BHINMAL	S/C	419	14	4.8	0.0	4.8	
40		V'CHAL -RIHAND	S/C	952	0	20.5	0.0	20.5	
41		RAPP-SHUJALPUR	D/C	0	350	0	2	-2	
42	220 kV	BADOD-KOTA	S/C	64	22	0.8	0.1	0.7	
43		BADOD-MORAK	S/C	38	90	0.2	0.4	-0.2	
44		MEHGAON-AURAIYA	S/C	107	0	2.0	0.0	2.0	
45		MALANPUR-AURAIYA	S/C	65	0	1.0	0.0	1.0	
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						WR-NR	42.1	121.8	-79.7
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	70	1174	0.0	18.6	-18.6	
50		WARDHA-NIZAMABAD	D/C	0	1890	0.0	35.1	-35.1	
51	400 kV	KOLHAPUR-KUDGI	D/C	297	64	3.0	0.2	2.9	
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	5.2	77.8	-72.6
TRANSNATIONAL EXCHANGE									
55		BHUTAN						3.2	
56		NEPAL						-6.7	
57		BANGLADESH						-13.7	