



**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: 16<sup>th</sup> 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 15.03.2018.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 15-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 15<sup>th</sup> 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

16-Mar-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	41385	45669	42817	20784	2394	153049
Peak Shortage (MW)	1447	45	0	135	54	1681
Energy Met (MU)	927	1095	1019	408	40	3489
Hydro Gen(MU)	109	21	82	30	7	250
Wind Gen(MU)	6	44	22			72
Solar Gen (MU)*	7.96	16.41	38.32	0.49	0.02	63
Energy Shortage (MU)	19.8	0.0	0.0	0.4	0.5	20.7
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43653	49117	45867	21304	2320	156809

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	0.056	0.00	0.71	16.42	17.13	78.46	4.41

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	6304	0	132.4	29.7	-0.9	79	0.0
	Haryana	6294	0	131.2	51.8	2.6	230	3.1
	Rajasthan	9457	264	195.1	46.6	3.1	407	1.3
	Delhi	3539	0	69.7	53.7	-0.6	144	0.0
	UP	13358	950	293.9	94.8	0.1	540	5.7
	Uttarakhand	1811	0	34.5	26.4	-0.1	93	0.0
	HP	1436	0	26.3	20.4	1.5	137	0.0
	J&K	2067	517	40.9	38.5	-2.1	318	9.7
	Chandigarh	170	0	3.2	3.0	0.3	35	0.0
WR	Chhattisgarh	3747	0	86.3	21.6	-2.5	49	0.0
	Gujarat	14520	0	322.4	158.1	2.5	417	0.0
	MP	8717	0	180.5	82.2	-4.6	169	0.0
	Maharashtra	21678	0	459.9	144.2	-3.6	301	0.0
	Goa	485	0	10.9	9.9	0.8	20	0.0
	DD	332	0	7.5	7.0	0.5	81	0.0
	DNH	768	0	17.8	17.0	0.7	59	0.0
	Essar steel	527	0	10.1	9.2	0.9	183	0.0
	SR	Andhra Pradesh	8960	0	184.6	54.4	-0.3	883
Telangana		10050	0	220.6	102.0	0.5	466	0.0
Karnataka		10153	0	214.1	81.5	-1.4	500	0.0
Kerala		3499	0	72.5	48.5	1.4	239	0.0
Tamil Nadu		14741	0	320.0	155.7	1.6	587	0.0
Pondy		361	0	7.7	8.0	-0.3	39	0.0
ER	Bihar	4462	0	76.2	68.5	1.4	412	0.0
	DVC	2954	0	64.7	-50.3	0.9	305	0.4
	Jharkhand	1202	0	24.5	13.8	0.8	145	0.0
	Odisha	4631	0	89.0	35.5	1.7	356	0.0
	West Bengal	8085	0	151.9	28.8	1.8	425	0.0
Sikkim	102	0	1.5	1.2	0.3	20	0.0	
NER	Arunachal Pradesh	115	2	2.0	1.7	0.3	59	0.0
	Assam	1415	35	22.6	18.1	1.1	146	0.3
	Manipur	175	3	2.2	1.9	0.3	22	0.0
	Meghalaya	314	1	5.1	3.3	-0.2	57	0.0
	Mizoram	85	2	1.6	0.9	0.1	34	0.0
	Nagaland	127	3	2.0	1.7	0.1	40	0.0
	Tripura	251	1	4.1	3.1	0.5	26	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.6	-9.7	-14.4
Day peak (MW)	94.4	-445.5	-633.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	125.8	-133.2	98.9	-94.0	2.1	-0.4
Actual(MU)	122.1	-149.7	97.6	-77.8	3.0	-4.7
O/D/U/D(MU)	-3.7	-16.4	-1.3	16.2	0.9	-4.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5611	15741	6352	980	245	28929
State Sector	9575	17601	3920	4535	50	35681
Total	15186	33342	10272	5515	295	64609

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	612	1091	679	484	10	2877
Hydro	109	21	82	30	7	250
Nuclear	28	24	46	0	0	98
Gas, Naptha & Diesel	31	56	21	0	23	131
RES (Wind, Solar, Biomass & Others)	42	60	108	2	0	213
Total	822	1253	937	515	41	3568

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

सचिव(ऊर्जा)/संयुक्त सचिव(परिचालन)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-केन्द्रीय(डि०ए०/डि०ए०/डि०ए०)  
मुख्य कार्यालय अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting :	16-Mar-18
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
Import/Export of ER (With NR)									
1	765kV	GAYA-VARANASI	D/C	0	349	0.0	4.4	-4.4	
2		SASARAM-FATEHPUR	S/C	0	57	2.3	0.0	2.3	
3		GAYA-BALLA	S/C	0	465	0.0	7.0	-7.0	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	198	0.0	4.6	-4.6	
6	400 kV	PUSAULI-VARANASI	S/C	0	170	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	101	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	289	0.0	2.1	-2.1	
9		PATNA-BALLA	Q/C	0	866	0.0	17.4	-17.4	
10		BIHARSHARIFF-BALLA	D/C	0	305	0.0	4.6	-4.6	
11		MOTIHARI-GORAKHPUR	D/C	0	277	0.0	4.6	-4.6	
12	BIHARSHARIFF-VARANASI	D/C	0	307	0.0	0.3	-0.3		
13	220 kV	PUSAULI-SAHUPURI	S/C	0	168	0.0	3.2	-3.2	
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	
<b>ER-NR</b>						<b>3.0</b>	<b>48.1</b>	<b>-45.1</b>	
Import/Export of ER (With WR)									
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	8.1	0.0	8.1	
19	400 kV	NEW RANCHI-DHARAMJAIGARH	D/C	0	403	0.0	1.9	-1.9	
20		JHARSUGUDA-RAIGARH	Q/C	0	159	2.2	0.0	2.2	
21		RANCHI-SIPAT	D/C	0	81	1.4	0.0	1.4	
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	141	0.0	2.1	-2.1	
23		BUDHIPADAR-KORBA	D/C	0	0	3.1	0.0	3.1	
<b>ER-WR</b>						<b>14.7</b>	<b>4.0</b>	<b>10.8</b>	
Import/Export of ER (With SR)									
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	25.9	-25.9	
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	344.3	0.0	15.2	-15.2	
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2039.3	0.0	42.9	-42.9	
27	400 kV	TALCHER-I/C	D/C	0.0	896.3	0.0	5.3	-5.3	
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
<b>ER-SR</b>						<b>0.0</b>	<b>84.0</b>	<b>-84.0</b>	
Import/Export of ER (With NER)									
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	988	0.0	3.1	-3	
30		ALIPURDUAR-BONGAIGAON	D/C	0	811	3.9	0.0	4	
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.9	-1	
<b>ER-NER</b>						<b>3.9</b>	<b>4.0</b>	<b>-0.1</b>	
Import/Export of NER (With NR)									
32	HVDC	BISWANATH CHARIALI-AGRA	-	491	500	0.0	2.5	-2.5	
<b>NER-NR</b>						<b>0.0</b>	<b>2.5</b>	<b>-2.5</b>	
Import/Export of WR (With NR)									
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1120	0.0	48.9	-48.9	
34		V'CHAL B/B	D/C	150	0	3.5	0.0	3.5	
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4	
36	765 kV	GWALIOR-AGRA	D/C	0	2314	0.0	45.6	-45.6	
37		PHAGI-GWALIOR	D/C	484	1156	0.0	17.0	-17.0	
38	400 kV	ZERDA-KANKROLI	S/C	385	0	7.5	0.0	7.5	
39		ZERDA -BHINMAL	S/C	377	0	6.0	0.0	6.0	
40		V'CHAL -RIHAND	S/C	971	0	22.7	0.0	22.7	
41		RAPP-SHUJALPUR	D/C	0	246	0	2	-2	
42	220 kV	BADOD-KOTA	S/C	65	0	0.5	0.0	0.5	
43		BADOD-MORAK	S/C	42	25	0.3	0.2	0.2	
44		MEHGAON-AURAIYA	S/C	101	0	1.5	0.0	1.5	
45		MALANPUR-AURAIYA	S/C	55	0	0.6	0.0	0.6	
46	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>42.8</b>	<b>120.6</b>	<b>-77.8</b>	
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	464	980	0.0	13.2	-13.2	
50		WARDHA-NIZAMABAD	D/C	0	1944	0.0	32.9	-32.9	
51	400 kV	KOLHAPUR-KUDGI	D/C	611	0	7.0	0.0	7.0	
52		KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
53	220 kV	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	
<b>WR-SR</b>						<b>9.2</b>	<b>70.0</b>	<b>-60.8</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
55		BHUTAN						1.6	
56		NEPAL						-9.7	
57		BANGLADESH						-14.4	