



**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: 14<sup>th</sup> Apr 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 13.04.2018.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 13-अप्रैल-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 13<sup>th</sup> Apr 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

14-Apr-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	41452	46762	43337	20441	2351	154343
Peak Shortage (MW)	903	23	0	0	149	1075
Energy Met (MU)	870	1150	1020	393	36	3469
Hydro Gen(MU)	119	39	68	48	7	280
Wind Gen(MU)	15	36	32	-----	-----	83
Solar Gen (MU)*	15.07	19.76	56.44	0.91	0.02	92
Energy Shortage (MU)	11.2	0.0	0.0	0.0	2.4	13.7
Maximum Demand Met during the day (MW) (from NLDC SCADA)	42618	50474	45137	20616	2361	157091

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	0.059	0.00	1.34	16.50	17.85	77.67	4.48

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	5041	0	108.6	56.5	0.0	118	0.0
	Haryana	6304	135	111.9	49.8	1.9	259	0.8
	Rajasthan	8217	0	179.5	56.8	0.9	334	0.0
	Delhi	3833	0	80.1	63.3	-2.8	14	0.0
	UP	13744	260	282.2	97.7	2.5	695	0.0
	Uttarakhand	1750	0	34.9	19.5	0.6	151	0.0
	HP	1417	7	25.6	16.1	1.3	331	0.1
	J&K	2264	566	43.3	31.9	-1.6	378	10.3
WR	Chandigarh	176	0	3.6	3.8	-0.3	21	0.0
	Chhattisgarh	3545	0	85.5	13.6	1.2	126	0.0
	Gujarat	15731	0	353.9	174.0	5.0	362	0.0
	MP	8548	0	180.4	76.1	1.4	426	0.0
	Maharashtra	22323	0	488.3	147.3	-0.2	441	0.0
	Goa	531	0	11.7	10.8	0.2	44	0.0
	DD	334	0	7.5	6.6	1.0	91	0.0
	DNH	749	0	17.7	16.7	1.0	63	0.0
SR	Essar steel	301	0	5.3	5.4	-0.1	179	0.0
	Andhra Pradesh	8470	0	181.7	61.2	-0.3	443	0.0
	Telangana	8536	0	185.3	75.6	-0.8	482	0.0
	Karnataka	10333	0	230.5	86.2	-0.8	480	0.0
	Kerala	3510	0	74.7	54.6	1.1	173	0.0
	Tamil Nadu	15053	0	339.8	187.5	2.1	520	0.0
ER	Pondy	374	0	8.2	8.3	-0.1	43	0.0
	Bihar	4507	0	79.5	77.0	1.5	400	0.0
	DVC	3065	0	71.6	-57.2	1.0	250	0.0
	Jharkhand	1142	0	23.3	13.7	-0.1	90	0.0
	Odisha	4300	0	77.5	27.1	-2.0	400	0.0
	West Bengal	7958	0	139.6	27.2	1.2	380	0.0
NER	Sikkim	99	0	1.3	2.0	-0.7	3	0.0
	Arunachal Pradesh	119	7	2.1	1.7	0.3	44	0.0
	Assam	1372	130	20.2	17.0	-0.1	98	2.1
	Manipur	175	6	2.1	2.3	-0.2	24	0.0
	Meghalaya	268	17	4.3	2.7	-0.2	18	0.0
	Mizoram	83	5	1.6	1.2	0.1	20	0.0
NER	Nagaland	128	2	2.1	1.9	0.1	32	0.0
	Tripura	258	3	4.0	3.1	0.0	45	0.2

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.1	-9.9	-2.7
Day peak (MW)	410.5	-485.8	-172.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	150.4	-173.6	123.7	-104.3	4.7	0.9
Actual(MU)	156.1	-173.3	122.0	-108.3	2.7	-0.7
O/D/U/D(MU)	5.7	0.3	-1.7	-3.9	-2.0	-1.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5493	13872	6302	1430	195	27291
State Sector	11325	15789	4960	4135	50	36259
Total	16818	29661	11262	5565	244	63550

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	494	1148	656	467	8	2773
Hydro	119	39	69	48	7	281
Nuclear	28	28	46	0	0	102
Gas, Naptha & Diesel	35	66	21	0	21	142
RES (Wind, Solar, Biomass & Others)	60	56	124	2	0	241
Total	735	1337	915	516	36	3539

\*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(मि०प्रा०)/  
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting :	14-Apr-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)	
<b>Import/Export of ER (With NR)</b>									
1	765kV	GAYA-VARANASI	D/C	0	415	0.0	6.1	-6.1	
2		SASARAM-FATEHPUR	S/C	102	182	0.0	1.2	-1.2	
3		GAYA-BALIA	S/C	0	441	0.0	7.6	-7.6	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	0	0.0	0.0	0.0	
6	400 kV	PUSAULI-VARANASI	S/C	9	25	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	16	16	0.1	0.0	0.1	
8		MUZAFFARPUR-GORAKHPUR	D/C	5	588	0.0	9.0	-9.0	
9		PATNA-BALIA	Q/C	0	735	0.0	13.5	-13.5	
10		BIHARSHARIFF-BALIA	D/C	0	208	0.0	6.3	-6.3	
11		MOTIHARI-GORAKHPUR	D/C	0	193	0.0	4.5	-4.5	
12		BIHARSHARIFF-VARANASI	D/C	261	173	0.0	3.2	-3.2	
13	220 kV	PUSAULI-SAHUPURI	S/C	0	188	0.0	3.5	-3.5	
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	36	0	0.5	0.0	0.5	
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>0.6</b>	<b>54.8</b>	<b>-54.2</b>	
<b>Import/Export of ER (With WR)</b>									
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	925	87	10.3	0.0	10.3	
19		NEW RANCHI-DHARAMJAIGARH	D/C	76	552	0.0	5.2	-5.2	
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	309	171	0.5	0.0	0.5	
21		RANCHI-SIPAT	D/C	174	78	1.2	0.0	1.2	
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	160	0.0	2.3	-2.3	
23		BUDHIPADAR-KORBA	D/C	284	0	3.0	0.0	3.0	
<b>ER-WR</b>						<b>14.9</b>	<b>7.4</b>	<b>7.5</b>	
<b>Import/Export of ER (With SR)</b>									
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1444.8	0.0	28.8	-28.8	
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	338.9	0.0	15.9	-15.9	
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2266.0	0.0	50.7	-50.7	
27	400 kV	TALCHER-I/C	D/C	275.9	511.4	0.0	3.6	-3.6	
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>95.5</b>	<b>-95.5</b>	
<b>Import/Export of ER (With NER)</b>									
29	400 kV	BINAGURI-BONGAIGAON	D/C	200	559	0.0	1.6	-2	
30		ALIPURDUAR-BONGAIGAON	D/C	130	471	0.0	0.3	0	
31	220 kV	ALIPURDUAR-SALAKATI	D/C	66	110	0.0	1.0	-1	
<b>ER-NER</b>						<b>0.0</b>	<b>2.9</b>	<b>-2.9</b>	
<b>Import/Export of NER (With NR)</b>									
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	0.0	0.0	
<b>NER-NR</b>						<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
<b>Import/Export of WR (With NR)</b>									
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1095	0.0	33.7	-33.7	
34		V'CHAL B/B	D/C	250	50	2.0	0.1	1.9	
35		APL -MHG	D/C	0	508	0.0	12.2	-12.2	
36	765 kV	GWALIOR-AGRA	D/C	0	1222	0.0	23.2	-23.2	
37		PHAGI-GWALIOR	D/C	0	1684	0.0	33.5	-33.5	
38		JABALPUR-ORAI	D/C	0	627	0.0	13.2	-13.2	
39		GWALIOR-ORAI	S/C	425	0	8.0	0.0	8.0	
40		SATNA-ORAI	S/C	0	1591	0.0	35.9	-35.9	
41	400 kV	ZERDA-KANKROLI	S/C	489	0	9.4	0.0	9.4	
42		ZERDA -BHINMAL	S/C	488	0	7.7	0.0	7.7	
43		V'CHAL -RIHAND	S/C	859	0	20.0	0.0	20.0	
44		RAPP-SHUALPUR	D/C	0	194	0	1	-1	
45	220 kV	BADOD-KOTA	S/C	109	0	1.6	0.0	1.6	
46		BADOD-MORAK	S/C	47	17	0.5	0.0	0.4	
47		MEHGAON-AURAIYA	S/C	66	0	1.0	0.0	1.0	
48		MALANPUR-AURAIYA	S/C	38	0	0.5	0.0	0.5	
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>50.7</b>	<b>152.6</b>	<b>-102.0</b>	
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	18.3	-18.3	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 kV	SOLAPUR-RAICHUR	D/C	0	1542	0.0	19.8	-19.8	
53		WARDHA-NIZAMABAD	D/C	0	2101	0.0	30.5	-30.5	
54	400 kV	KOLHAPUR-KUDGI	D/C	469	0	4.8	0.0	4.8	
55	220 kV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	100	0	2.2	0.0	2.2	
<b>WR-SR</b>						<b>7.0</b>	<b>68.6</b>	<b>-61.6</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						4.1	
59		NEPAL						-9.9	
60		BANGLADESH						-2.7	