



**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: 09<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 08.04.2018.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 08-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 08<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

9-Apr-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	40747	43602	39222	18676	2305	144553
Peak Shortage (MW)	860	11	0	0	51	922
Energy Met (MU)	876	1082	914	359	39	3270
Hydro Gen(MU)	132	14	50	30	6	231
Wind Gen(MU)	8	26	40	-----	-----	74
Solar Gen (MU)*	14.63	18.83	50.35	0.75	0.02	85
Energy Shortage (MU)	16.8	0.0	0.0	0.0	1.0	17.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41856	47352	41553	19178	2241	148619

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	0.022	0.00	0.00	3.43	3.43	85.81	10.76

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	5190	0	114.3	52.5	0.4	126	0.0
	Haryana	5704	0	101.5	49.2	4.1	704	6.6
	Rajasthan	8553	115	181.0	60.6	3.1	517	0.3
	Delhi	3596	0	77.8	61.4	-0.8	159	0.0
	UP	13957	370	278.3	83.5	3.9	671	0.0
	Uttarakhand	1606	0	31.0	18.4	0.3	364	0.0
	HP	1260	0	49.9	15.3	0.9	150	0.0
	J&K	2004	504	39.2	33.0	-2.3	236	9.9
WR	Chandigarh	179	0	3.4	3.3	0.1	31	0.0
	Chhattisgarh	3588	0	82.4	15.6	-1.9	217	0.0
	Gujarat	14834	0	333.0	175.0	3.8	387	0.0
	MP	8326	0	174.1	76.4	-1.9	265	0.0
	Maharashtra	20533	0	449.5	149.7	-0.9	263	0.0
	Goa	497	0	11.7	9.2	1.8	82	0.0
	DD	304	0	7.0	6.6	0.4	69	0.0
	DNH	748	0	17.7	17.1	0.6	58	0.0
SR	Essar steel	355	0	6.2	6.2	0.0	180	0.0
	Andhra Pradesh	7640	0	169.0	57.8	-0.4	378	0.0
	Telangana	7313	0	143.1	63.6	-1.8	450	0.0
	Karnataka	9514	0	199.6	80.5	-0.2	443	0.0
	Kerala	3595	0	71.9	54.8	1.3	243	0.0
	Tamil Nadu	13529	0	322.7	163.3	0.6	554	0.0
ER	Pondy	364	0	7.3	7.6	-0.3	36	0.0
	Bihar	4474	0	79.1	74.5	0.5	312	0.0
	DVC	2899	0	65.1	-44.1	1.9	345	0.0
	Jharkhand	1060	0	17.9	11.3	-1.2	135	0.0
	Odisha	3746	0	67.2	20.8	1.0	365	0.0
	West Bengal	7256	0	127.9	19.7	-0.7	305	0.0
NER	Sikkim	85	0	1.4	1.5	-0.1	20	0.0
	Arunachal Pradesh	116	1	2.1	1.4	0.7	65	0.0
	Assam	1396	18	23.0	20.5	0.3	95	0.7
	Manipur	148	7	2.1	2.4	-0.3	24	0.1
	Meghalaya	286	0	5.2	2.6	-0.1	45	0.0
	Mizoram	73	5	1.3	1.0	0.2	10	0.0
NER	Nagaland	115	6	1.9	1.7	0.1	30	0.0
	Tripura	206	7	3.6	2.8	0.1	50	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.7	-10.2	-6.7
Day peak (MW)	193.3	-440.0	-645.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	147.2	-176.3	100.1	-86.1	12.2	-2.9
Actual(MU)	157.4	-185.0	99.3	-84.1	12.5	0.1
O/D/U/D(MU)	10.1	-8.7	-0.7	2.0	0.3	3.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5903	12961	5902	1040	660	26466
State Sector	9165	15316	6473	5505	50	36509
Total	15068	28277	12375	6545	710	62974

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	495	1130	583	427	5	2640
Hydro	132	14	51	30	6	232
Nuclear	27	29	46	0	0	103
Gas, Naptha & Diesel	32	56	21	0	19	128
RES (Wind, Solar, Biomass & Others)	51	45	128	1	0	225
Total	738	1273	829	458	31	3329

\*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)

<b>INTER-REGIONAL EXCHANGES</b>								Date of Reporting : <b>9-Apr-18</b>
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	422	0.0	5.4	-5.4
2		SASARAM-FATEHPUR	S/C	0	190	0.0	0.9	-0.9
3		GAYA-BALIA	S/C	0	523	0.0	8.4	-8.4
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	0	0	0.9	0.0	0.9
7		PUSAULI -ALLAHABAD	S/C	0	0	1.5	0.0	1.5
8		MUZAFFARPUR-GORAKHPUR	D/C	0	559	0.0	3.4	-3.4
9		PATNA-BALIA	Q/C	0	983	0.0	13.9	-13.9
10		BIHARSHARIFF-BALIA	D/C	0	293	0.0	5.3	-5.3
11		MOTIHARI-GORAKHPUR	D/C	0	116	0.0	1.1	-1.1
12		BIHARSHARIFF-VARANASI	D/C	0	430	0.0	0.4	-0.4
13	220 kV	PUSAULI-SAHUPURI	S/C	0	172	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	0.5	0.0	0.5
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
<b>ER-NR</b>						<b>2.9</b>	<b>41.6</b>	<b>-38.8</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.2	0.0	12.2
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	385	0.0	0.1	-0.1
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	195	0.0	0.1	-0.1
21		RANCHI-SIPAT	D/C	0	35	2.7	0.0	2.7
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	177	0.0	1.7	-1.7
23		BUDHIPADAR-KORBA	D/C	0	0	3.8	0.0	3.8
<b>ER-WR</b>						<b>18.8</b>	<b>1.8</b>	<b>16.9</b>
<b>Import/Export of ER (With SR)</b>								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	28.6	-28.6
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	318.4	0.0	14.9	-14.9
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1902.3	0.0	46.6	-46.6
27	400 kV	TALCHER-I/C	D/C	0.0	1302.7	0.0	16.2	-16.2
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>90.1</b>	<b>-90.1</b>
<b>Import/Export of ER (With NER)</b>								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1292	0.0	7.5	-7
30		ALIPURDUAR-BONGAIGAON	D/C	0	1032	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.4	-2
<b>ER-NER</b>						<b>3.9</b>	<b>9.8</b>	<b>-5.9</b>
<b>Import/Export of NER (With NR)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	480	499	3.5	7.7	-4.2
<b>NER-NR</b>						<b>3.5</b>	<b>7.7</b>	<b>-4.2</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1402	0.0	57.1	-57.1
34		V'CHAL B/B	D/C	0	250	0.0	3.0	-3.0
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2446	0.0	35.7	-35.7
37		PHAGI-GWALIOR	D/C	0	1268	0.0	22.1	-22.1
38		JABALPUR-ORAI	D/C	0	534	0.0	3.8	-3.8
39		GWALIOR-ORAI	S/C	783	0	12.8	0.0	12.8
40		SATNA-ORAI	S/C	0	1753	0.0	35.4	-35.4
41	400 kV	ZERDA-KANKROLI	S/C	415	0	7.8	0.0	7.8
42		ZERDA -BHINMAL	S/C	382	0	5.6	0.0	5.6
43		V'CHAL -RIHAND	S/C	958	0	20.7	0.0	20.7
44		RAPP-SHUALPUR	D/C	0	304	0	3	-3
45	220 kV	BADOD-KOTA	S/C	50	18	0.5	0.0	0.4
46		BADOD-MORAK	S/C	86	0	1.1	0.0	1.1
47		MEHGAON-AURAIYA	S/C	64	0	0.8	0.0	0.8
48		MALANPUR-AURAIYA	S/C	32	0	0.3	0.0	0.3
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>49.6</b>	<b>166.9</b>	<b>-117.3</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.7	-23.7
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 kV	SOLAPUR-RAICHUR	D/C	0	1103	0.0	12.1	-12.1
53		WARDHA-NIZAMABAD	D/C	0	1874	0.0	26.4	-26.4
54	400 kV	KOLHAPUR-KUDGI	D/C	548	0	6.6	0.0	6.6
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	0	0	0.0	0.0	0.0
<b>WR-SR</b>						<b>6.6</b>	<b>62.2</b>	<b>-55.6</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>2.7</b>
59		NEPAL						<b>-10.2</b>
60		BANGLADESH						<b>-6.7</b>