



**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: 03<sup>rd</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 02.04.2018.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 02-Apr-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 02<sup>nd</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

3-Apr-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	42278	46136	41332	18990	2385	151121
Peak Shortage (MW)	878	34	0	0	66	978
Energy Met (MU)	900	1109	960	343	39	3350
Hydro Gen(MU)	105	39	52	24	8	228
Wind Gen(MU)	18	33	36	-----	-----	87
Solar Gen (MU)*	15.18	20.35	46.97	1.23	0.02	84
Energy Shortage (MU)	11.0	0.1	0.0	0.0	0.6	11.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	37835	49098	43371	19436	2414	154413

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	0.040	0.00	0.43	9.40	9.83	83.32	6.85

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	5350	0	119.3	52.4	-1.0	105	0.0
	Haryana	6333	0	113.8	41.9	2.7	333	0.4
	Rajasthan	8651	0	183.0	46.0	0.4	621	0.0
	Delhi	3885	0	79.0	64.5	0.1	244	0.0
	UP	15210	255	305.4	106.5	2.4	745	0.0
	Uttarakhand	1722	0	33.1	26.7	-1.9	200	0.0
	HP	1224	0	23.3	16.6	0.0	193	0.1
	J&K	1979	495	39.4	29.8	1.0	270	10.5
WR	Chandigarh	161	0	3.1	3.5	-0.4	4	0.0
	Chhattisgarh	3545	0	75.9	14.1	0.2	143	0.0
	Gujarat	15161	0	333.0	169.2	5.1	650	0.1
	MP	8613	0	180.9	73.5	2.8	454	0.0
	Maharashtra	22345	0	478.8	147.1	1.6	721	0.0
	Goa	542	0	10.5	9.9	-0.1	87	0.0
	DD	306	0	6.5	5.9	0.6	77	0.0
	DNH	719	0	16.5	15.6	1.0	90	0.0
SR	Essar steel	345	0	6.5	7.0	-0.5	314	0.0
	Andhra Pradesh	7949	0	163.6	45.5	0.2	989	0.0
	Telangana	8552	0	181.1	82.4	0.3	580	0.0
	Karnataka	10190	0	215.0	81.9	-3.6	498	0.0
	Kerala	3355	0	64.3	51.7	0.9	161	0.0
	Tamil Nadu	14549	0	328.6	165.5	1.5	639	0.0
ER	Pondy	367	0	7.6	8.0	-0.4	33	0.0
	Bihar	4422	0	78.5	71.5	4.0	290	0.0
	DVC	2996	0	63.3	-54.4	-0.9	160	0.0
	Jharkhand	1151	0	20.2	11.3	0.2	180	0.0
	Odisha	3829	0	62.0	22.0	-2.1	35	0.0
	West Bengal	7269	0	117.2	19.4	-3.3	500	0.0
NER	Sikkim	97	0	1.5	1.0	0.5	17	0.0
	Arunachal Pradesh	105	4	2.1	1.5	0.7	65	0.0
	Assam	1435	47	22.5	18.6	1.6	95	0.5
	Manipur	159	3	2.3	2.2	0.0	24	0.0
	Meghalaya	286	0	4.9	2.2	0.0	45	0.0
	Mizoram	77	3	1.7	1.1	0.0	10	0.0
NER	Nagaland	118	2	2.0	1.7	0.2	30	0.0
	Tripura	245	0	3.8	2.8	0.5	50	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	0.6	-9.9	-14.4
Day peak (MW)	117.3	-498.2	-648.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	155.6	-197.2	123.7	-86.6	4.1	-0.4
Actual(MU)	158.7	-186.2	111.3	-88.6	6.3	1.5
O/D/U/D(MU)	3.1	11.0	-12.4	-2.0	2.2	1.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5570	13596	6502	1270	464	27402
State Sector	7320	17162	4010	4175	50	32717
Total	12890	30758	10512	5445	514	60119

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	536	1133	615	423	10	2716
Hydro	105	39	54	24	8	229
Nuclear	33	28	46	0	0	107
Gas, Naptha & Diesel	26	54	22	0	19	121
RES (Wind, Solar, Biomass & Others)	62	53	119	2	0	237
Total	761	1308	857	449	37	3411

\*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(ग्रि०प्रा०)/  
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>3-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	476	0.0	7.5	-7.5
2		SASARAM-FATEHPUR	S/C	0	171	0.0	2.0	-2.0
3		GAYA-BALIA	S/C	0	555	0.0	8.9	-8.9
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	40	0.0	0.1	-0.1
7		PUSAULI -ALLAHABAD	S/C	0	53	0.2	0.0	0.2
8		MUZAFFARPUR-GORAKHPUR	D/C	0	507	0.0	8.3	-8.3
9		PATNA-BALIA	Q/C	0	813	0.0	15.5	-15.5
10		BIHARSHARIFF-BALIA	D/C	0	279	0.0	6.4	-6.4
11		MOTIHARI-GORAKHPUR	D/C	0	274	0.0	5.3	-5.3
12		BIHARSHARIFF-VARANASI	D/C	0	205	0.0	3.5	-3.5
13	220 kV	PUSAULI-SAHUPURI	S/C	0	180	0.0	3.3	-3.3
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>1.0</b>	<b>60.8</b>	<b>-59.8</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	5.9	0.0	5.9
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	398	0.0	2.2	-2.2
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	7	5.3	0.0	5.3
21		RANCHI-SIPAT	D/C	0	99	0.2	0.0	0.2
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	105	0.0	1.1	-1.1
23		BUDHIPADAR-KORBA	D/C	0	0	3.1	0.0	3.1
<b>ER-WR</b>						<b>14.5</b>	<b>3.3</b>	<b>11.2</b>
<b>Import/Export of ER (With SR)</b>								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	29.0	-29.0
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	424.8	0.0	14.6	-14.6
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1840.8	0.0	44.8	-44.8
27	400 kV	TALCHER-I/C	D/C	0.0	177.7	5.9	1.6	4.3
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>88.5</b>	<b>-88.5</b>
<b>Import/Export of ER (With NER)</b>								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	289	1.8	0.0	2
30		ALIPURDUAR-BONGAIGAON	D/C	0	271	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.0	-1
<b>ER-NER</b>						<b>5.7</b>	<b>1.0</b>	<b>4.8</b>
<b>Import/Export of NER (With NR)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	488	0	11.6	0.0	11.6
<b>NER-NR</b>						<b>11.6</b>	<b>0.0</b>	<b>11.6</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1174	0.0	36.5	-36.5
34		V'CHAL B/B	D/C	0	250	0.0	2.3	-2.3
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2446	0.0	45.3	-45.3
37		PHAGI-GWALIOR	D/C	487	1416	0.0	24.3	-24.3
38		JABALPUR-ORAI	D/C	0	556	0.0	8.4	-8.4
39		GWALIOR-ORAI	S/C	754	0	14.4	0.0	14.4
40		SATNA-ORAI	S/C	0	1621	0.0	36.6	-36.6
41	400 kV	ZERDA-KANKROLI	S/C	447	0	8.2	0.0	8.2
42		ZERDA -BHINMAL	S/C	420	0	6.8	0.0	6.8
43		V'CHAL -RIHAND	S/C	974	0	22.1	0.0	22.1
44		RAPP-SHUALPUR	D/C	0	347	0	2	-2
45	220 kV	BADOD-KOTA	S/C	80	21	0.9	0.0	0.8
46		BADOD-MORAK	S/C	40	32	0.3	0.1	0.1
47		MEHGAON-AURAIYA	S/C	75	0	0.9	0.0	0.9
48		MALANPUR-AURAIYA	S/C	44	4	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>53.9</b>	<b>162.8</b>	<b>-108.8</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.8	-23.8
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 kV	SOLAPUR-RAICHUR	D/C	123	1160	0.0	13.7	-13.7
53		WARDHA-NIZAMABAD	D/C	0	2201	0.0	34.6	-34.6
54	400 kV	KOLHAPUR-KUDGI	D/C	298	83	3.6	0.0	3.6
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	107	0	2.2	0.0	2.2
<b>WR-SR</b>						<b>5.8</b>	<b>72.1</b>	<b>-66.3</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>0.6</b>
59		NEPAL						<b>-9.9</b>
60		BANGLADESH						<b>-14.4</b>