



**National Load Despatch Centre**

राष्ट्रीय भार प्रेषण केंद्र

**POWER SYSTEM OPERATION CORPORATION LIMITED**

पाँवर 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: 08<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 07.04.2018.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 07-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 07<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

8-Apr-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	41079	44460	43189	15089	2472	146290
Peak Shortage (MW)	1750	0	33	0	57	1840
Energy Met (MU)	852	1131	982	383	43	3390
Hydro Gen(MU)	108	22	61	26	6	223
Wind Gen(MU)	4	42	36	-----	-----	81
Solar Gen (MU)*	17.81	19.03	52.98	0.66	0.02	90
Energy Shortage (MU)	12.5	0.0	0.0	0.0	0.7	13.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	42347	49978	44430	17817	2485	149322

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	0.052	0.00	0.78	13.69	14.47	78.59	6.94

C. Power Supply Position in States

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	5525	0	121.3	54.6	-0.6	108	0.0
	Haryana	5875	650	104.4	55.9	4.7	526	0.6
	Rajasthan	7970	0	178.3	60.3	3.8	532	1.9
	Delhi	3593	0	75.4	61.1	-2.7	202	0.0
	UP	14506	595	266.2	78.8	3.5	1312	0.0
	Uttarakhand	1742	0	35.3	26.5	-0.4	153	0.0
	HP	1328	0	25.2	17.3	0.9	322	0.0
	J&K	2051	504	41.5	33.2	-1.3	124	9.9
	Chandigarh	188	0	3.9	3.9	0.0	28	0.0
	Chhattisgarh	3522	0	83.9	15.3	-2.3	217	0.0
WR	Gujarat	15811	0	349.3	166.9	4.4	387	0.0
	MP	8340	0	176.7	76.5	-3.9	265	0.0
	Maharashtra	22663	0	478.7	147.5	1.2	263	0.0
	Goa	497	0	11.7	10.0	1.0	82	0.0
	DD	336	0	7.4	6.9	0.5	69	0.0
	DNH	757	0	17.5	17.1	0.5	58	0.0
	Essar steel	314	0	5.9	5.6	0.3	180	0.0
	Andhra Pradesh	8341	0	176.5	57.3	0.8	550	0.0
SR	Telangana	8421	0	164.0	76.4	-2.0	644	0.0
	Karnataka	9909	0	216.7	76.7	-1.3	554	0.0
	Kerala	3660	0	77.8	52.8	1.6	646	0.0
	Tamil Nadu	14879	0	339.6	175.5	0.4	496	0.0
	Pondy	368	0	7.6	8.0	-0.4	29	0.0
	Bihar	4211	0	73.1	71.3	-0.6	150	0.0
ER	DVC	2962	0	62.9	-45.6	1.7	200	0.0
	Jharkhand	1136	0	21.4	12.0	-0.2	45	0.0
	Odisha	3256	0	68.6	19.8	-0.1	200	0.0
	West Bengal	7936	0	155.5	28.8	0.3	180	0.0
	Sikkim	95	0	1.4	1.4	0.0	12	0.0
NER	Arunachal Pradesh	115	2	2.2	1.2	0.9	65	0.0
	Assam	1510	40	26.5	20.1	4.0	95	0.5
	Manipur	160	3	2.3	2.2	0.2	24	0.0
	Meghalaya	274	0	4.7	3.0	-0.2	45	0.0
	Mizoram	75	3	1.3	0.9	0.4	10	0.0
	Nagaland	130	4	2.0	1.5	0.4	30	0.1
	Tripura	248	2	3.6	2.9	0.1	50	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.6	-8.1	-14.4
Day peak (MW)	194.6	-274.5	-639.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	162.0	-183.5	99.4	-85.7	9.6	1.8
Actual(MU)	171.7	-192.2	92.1	-88.0	14.4	-2.0
OD/U/D(MU)	9.7	-8.7	-7.2	-2.4	4.8	-3.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5693	13201	5902	1250	660	26706
State Sector	10405	15116	5020	5505	50	36096
Total	16098	28317	10922	6755	710	62801

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	491	1165	647	465	7	2775
Hydro	108	22	62	26	6	224
Nuclear	26	29	46	0	0	102
Gas, Naptha & Diesel	29	56	22	0	19	126
RES (Wind, Solar, Biomass & Others)	49	61	128	1	0	239
Total	704	1333	906	492	32	3467

\*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

**INTER-REGIONAL EXCHANGES**

Date of Reporting : **8-Apr-18**

Import=(+ve)  
/Export =(-ve)  
for NET (MU)

Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
<b>Import/Export of ER (With NR)</b>								
1	765kV	GAYA-VARANASI	D/C	0	407	0.0	5.8	-5.8
2		SASARAM-FATEHPUR	S/C	0	181	0.0	1.1	-1.1
3		GAYA-BALIA	S/C	0	507	0.0	8.6	-8.6
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	0	16	0.0	0.8	-0.8
7		PUSAULI -ALLAHABAD	S/C	0	48	0.0	0.6	-0.6
8		MUZAFFARPUR-GORAKHPUR	D/C	0	544	0.0	6.8	-6.8
9		PATNA-BALIA	Q/C	0	999	0.0	18.1	-18.1
10		BIHARSHARIFF-BALIA	D/C	0	326	0.0	6.2	-6.2
11		MOTIHARI-GORAKHPUR	D/C	0	381	0.0	3.2	-3.2
12		BIHARSHARIFF-VARANASI	D/C	0	245	0.0	2.4	-2.4
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	0	0	0.3	0.0	0.3
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>0.3</b>	<b>56.9</b>	<b>-56.6</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	11.1	0.0	11.1
19	400 kV	NEW RANCHI-DHARAMJAIGARH	D/C	0	313	2.3	0.0	2.3
20		JHARSUGUDA-RAIGARH	Q/C	0	156	2.2	0.0	2.2
21		RANCHI-SIPAT	D/C	0	1	3.2	0.0	3.2
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	159	0.0	2.5	-2.5
23		BUDHIPADAR-KORBA	D/C	0	0	3.3	0.0	3.3
<b>ER-WR</b>						<b>22.1</b>	<b>2.5</b>	<b>19.6</b>
<b>Import/Export of ER (With SR)</b>								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	25.7	-25.7
25	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	322.5	0.0	15.0	-15.0
26		TALCHER-KOLAR BIPOLE	D/C	0.0	2257.9	0.0	51.0	-51.0
27	400 kV	TALCHER-I/C	D/C	0.0	584.5	0.5	3.6	-3.1
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>91.7</b>	<b>-91.7</b>
<b>Import/Export of ER (With NER)</b>								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	646	0.0	1.5	-1
30		ALIPURDUAR-BONGAIGAON	D/C	0	543	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.5	-2
<b>ER-NER</b>						<b>3.9</b>	<b>3.0</b>	<b>0.9</b>
<b>Import/Export of NER (With NR)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	488	0	12.1	0.0	12.1
<b>NER-NR</b>						<b>12.1</b>	<b>0.0</b>	<b>12.1</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1389	0.0	48.4	-48.4
34		V'CHAL B/B	D/C	250	50	5.9	0.0	5.9
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2556	0.0	49.9	-49.9
37		PHAGI-GWALIOR	D/C	0	1360	0.0	25.3	-25.3
38		JABALPUR-ORAI	D/C	0	504	0.0	9.0	-9.0
39		GWALIOR-ORAI	S/C	803	0	15.7	0.0	15.7
40	400 kV	SATNA-ORAI	S/C	0	1672	0.0	38.0	-38.0
41		ZERDA-KANKROLI	S/C	242	0	4.0	0.0	4.0
42		ZERDA -BHINMAL	S/C	302	0	6.1	0.0	6.1
43		V'CHAL -RIHAND	S/C	969	0	21.4	0.0	21.4
44		RAPP-SHUJALPUR	D/C	0	475	0	4	-4
45		BADOD-KOTA	S/C	47	37	0.7	0.4	0.3
46		BADOD-MORAK	S/C	15	51	0.1	1.0	-0.9
47	220 kV	MEHGAON-AURAIYA	S/C	56	0	0.6	0.0	0.6
48		MALANPUR-AURAIYA	S/C	25	10	0.2	0.1	0.1
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>54.7</b>	<b>183.6</b>	<b>-128.9</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	23.7	-23.7
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 kV	SOLAPUR-RAICHUR	D/C	285	1102	0.0	7.0	-7.0
53		WARDHA-NIZAMABAD	D/C	0	2066	0.0	24.2	-24.2
54		KOLHAPUR-KUDGI	D/C	643	86	9.6	0.0	9.6
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>9.6</b>	<b>54.9</b>	<b>-45.3</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>1.6</b>
59		NEPAL						<b>-8.1</b>
60		BANGLADESH						<b>-14.4</b>