



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: 11th 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 10.04.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 10-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 10th 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

11-Apr-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	40710	46506	43647	18591	2459	151913
Peak Shortage (MW)	1140	6	33	0	93	1272
Energy Met (MU)	873	1152	1011	372	41	3450
Hydro Gen(MU)	119	26	76	35	7	262
Wind Gen(MU)	19	27	27	-----	-----	73
Solar Gen (MU)*	17.63	19.45	56.14	0.83	0.02	94
Energy Shortage (MU)	10.0	0.0	0.0	0.0	1.7	11.7
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41665	50608	44989	19040	2460	153528

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	0.050	0.00	1.12	12.28	13.40	80.57	6.03

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	5219	0	117.0	57.1	-1.0	118	0.0
	Haryana	5982	144	117.2	48.0	1.5	312	0.1
	Rajasthan	8331	0	185.0	57.4	1.5	548	0.0
	Delhi	3983	6	82.0	64.7	-2.7	54	0.0
	UP	13598	595	262.1	86.2	2.0	711	0.0
	Uttarakhand	1782	0	33.2	19.8	0.1	110	0.0
	HP	1377	0	29.8	17.0	0.2	102	0.0
	J&K	2086	490	42.4	34.2	-1.5	211	9.9
WR	Chandigarh	203	0	4.1	4.3	-0.3	15	0.0
	Chhattisgarh	3581	0	86.2	17.0	-1.2	181	0.0
	Gujarat	15665	0	351.2	182.9	4.7	456	0.0
	MP	8384	0	182.3	83.2	-0.8	249	0.0
	Maharashtra	23006	0	490.6	158.6	2.9	376	0.0
	Goa	498	0	11.5	10.8	0.0	28	0.0
	DD	324	0	7.3	6.6	0.7	59	0.0
	DNH	776	0	17.9	17.1	0.8	176	0.0
SR	Essar steel	282	0	5.2	5.4	-0.2	161	0.0
	Andhra Pradesh	8450	0	179.2	70.5	0.9	513	0.0
	Telangana	8445	0	176.5	76.2	-1.0	328	0.0
	Karnataka	10075	0	229.2	90.1	0.2	435	0.0
	Kerala	3834	0	79.2	53.8	1.4	210	0.0
	Tamil Nadu	15163	0	339.3	176.1	0.4	405	0.0
ER	Pondy	384	0	8.1	8.3	-0.2	35	0.0
	Bihar	4074	0	76.0	74.1	-0.9	400	0.0
	DVC	3049	0	65.0	-58.4	-0.8	220	0.0
	Jharkhand	1007	0	20.2	12.7	-1.1	70	0.0
	Odisha	3907	0	71.2	19.9	-1.0	330	0.0
	West Bengal	7630	0	138.5	25.5	-0.3	110	0.0
NER	Sikkim	94	0	1.5	1.3	0.2	20	0.0
	Arunachal Pradesh	115	6	2.1	1.5	0.6	65	0.0
	Assam	1498	45	24.8	20.6	1.1	95	1.5
	Manipur	170	3	2.2	2.4	-0.2	24	0.1
	Meghalaya	277	0	4.4	2.7	-0.4	45	0.0
	Mizoram	83	1	1.5	1.1	0.3	10	0.1
NER	Nagaland	123	6	1.9	1.8	0.1	30	0.1
	Tripura	251	0	4.0	3.0	0.7	50	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	1.1	-9.5	-3.4
Day peak (MW)	127.3	-460.5	-164.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	154.6	-184.7	107.7	-90.6	12.4	-0.6
Actual(MU)	154.8	-177.8	109.3	-97.5	13.6	2.4
O/D/U/D(MU)	0.2	6.9	1.6	-6.9	1.2	3.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6193	12961	5862	1430	322	26768
State Sector	9165	16718	6670	4125	50	36728
Total	15358	29679	12532	5555	371	63495

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	496	1199	654	448	6	2802
Hydro	119	26	77	35	7	263
Nuclear	27	30	46	0	0	104
Gas, Naptha & Diesel	30	51	22	0	19	122
RES (Wind, Solar, Biomass & Others)	66	46	120	2	0	233
Total	737	1353	919	484	32	3524

*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 : 11-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)
Import/Export of ER (With NR)								
1	765kV	GAYA-VARANASI	D/C	0	426	0.0	6.1	-6.1
2		SASARAM-FATEHPUR	S/C	57	122	0.0	1.3	-1.3
3		GAYA-BALIA	S/C	0	486	0.0	7.3	-7.3
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	3	0	0.0	0.0	0.0
6	400 kV	PUSAULI-VARANASI	S/C	65	24	0.6	0.0	0.6
7		PUSAULI -ALLAHABAD	S/C	98	28	1.0	0.0	1.0
8		MUZAFFARPUR-GORAKHPUR	D/C	3	453	0.0	4.5	-4.5
9		PATNA-BALIA	Q/C	46	417	0.0	8.3	-8.3
10		BIHARSHARIFF-BALIA	D/C	0	279	0.0	4.2	-4.2
11		MOTIHARI-GORAKHPUR	D/C	0	177	0.0	2.6	-2.6
12		BIHARSHARIFF-VARANASI	D/C	14	375	0.0	1.7	-1.7
13	220 kV	PUSAULI-SAHUPURI	S/C	0	189	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	0.4	0.0	0.4
16		KARMANASA-SAHUPURI	S/C	3	0	0.0	0.0	0.0
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						2.0	39.6	-37.6
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	1	0	6.6	0.0	6.6
19		NEW RANCHI-DHARAMJAIGARH	D/C	135	331	0.0	1.6	-1.6
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	237	187	0.6	0.0	0.6
21		RANCHI-SIPAT	D/C	179	28	2.1	0.0	2.1
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	143	0.0	2.1	-2.1
23		BUDHIPADAR-KORBA	D/C	240	0	3.6	0.0	3.6
ER-WR						12.9	3.7	9.2
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	30.7	-30.7
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	340.2	0.0	14.9	-14.9
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2271.5	0.0	51.7	-51.7
27	400 kV	TALCHER-I/C	D/C	0.0	1011.6	0.1	16.0	-15.9
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	97.3	-97.3
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	8	1064	0.0	7.2	-7
30		ALIPURDUAR-BONGAIGAON	D/C	0	839	0.0	5.9	-6
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.8	-3
ER-NER						0.0	16.0	-16.0
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	451	0.0	3.4	-3.4
NER-NR						0.0	3.4	-3.4
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1621	0.0	44.8	-44.8
34		V'CHAL B/B	D/C	250	0	6.1	0.0	6.1
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2070	0.0	39.8	-39.8
37		PHAGI-GWALIOR	D/C	0	1560	0.0	24.9	-24.9
38		JABALPUR-ORAI	D/C	0	655	0.0	9.5	-9.5
39		GWALIOR-ORAI	S/C	763	0	14.4	0.0	14.4
40		SATNA-ORAI	S/C	0	1554	0.0	33.9	-33.9
41	400 kV	ZERDA-KANKROLI	S/C	433	0	8.6	0.0	8.6
42		ZERDA -BHINMAL	S/C	425	0	7.1	0.0	7.1
43		V'CHAL -RIHAND	S/C	486	0	10.4	0.0	10.4
44		RAPP-SHUALPUR	D/C	0	245	0	2	-2
45	220 kV	BADOD-KOTA	S/C	103	85	1.3	0.0	1.3
46		BADOD-MORAK	S/C	61	26	0.6	0.1	0.5
47		MEHGAON-AURAIYA	S/C	69	0	1.2	0.0	1.2
48		MALANPUR-AURAIYA	S/C	50	10	0.6	0.0	0.6
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						50.3	162.2	-112.0
Import/Export of WR (With SR)								
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	350	1191	0.0	10.2	-10.2
53		WARDHA-NIZAMABAD	D/C	0	2222	0.0	31.0	-31.0
54	400 kV	KOLHAPUR-KUDGI	D/C	504	0	6.7	0.0	6.7
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
WR-SR						8.9	65.0	-56.1
TRANSNATIONAL EXCHANGE								
58		BHUTAN						1.1
59		NEPAL						-9.5
60		BANGLADESH						-3.4