



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: 02nd 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 01.04.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 01-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 01st 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

2-Apr-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	39430	41524	38591	14086	2081	135711
Peak Shortage (MW)	888	0	0	0	136	1024
Energy Met (MU)	836	1066	956	337	35	3230
Hydro Gen(MU)	95	16	49	16	8	184
Wind Gen(MU)	17	48	26	-----	-----	91
Solar Gen (MU)*	14.59	21.54	51.91	1.21	0.02	89
Energy Shortage (MU)	9.3	0.0	0.0	0.0	1.3	10.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	40129	46274	42625	16681	2151	142609

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	0.037	0.00	0.01	7.33	7.34	76.11	16.55

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	5420	0	116.0	51.9	-0.6	2813	0.0
	Haryana	5380	0	102.8	40.2	1.8	494	0.0
	Rajasthan	8511	0	180.4	49.1	0.2	1102	0.0
	Delhi	3369	0	70.4	57.6	-2.5	2079	0.0
	UP	14019	0	268.8	95.0	-3.5	5432	0.0
	Uttarakhand	1722	0	32.3	25.1	-0.3	1262	0.0
	HP	1224	0	22.9	16.6	0.0	933	0.0
	J&K	1979	495	39.3	31.1	-0.4	1619	9.3
WR	Chhattisgarh	3472	0	74.7	13.8	-2.2	266	0.0
	Gujarat	14165	0	320.3	179.3	0.6	225	0.0
	MP	8369	0	174.1	70.7	-1.1	383	0.0
	Maharashtra	20577	0	454.3	146.1	-1.1	422	0.0
	Goa	443	0	9.6	8.6	0.4	45	0.0
	DD	274	0	6.0	5.6	0.4	62	0.0
	DNH	714	0	16.6	16.0	0.6	69	0.0
	Essar steel	520	0	10.7	10.5	0.2	162	0.0
SR	Andhra Pradesh	8268	0	170.2	48.8	-0.4	420	0.0
	Telangana	9051	0	192.1	90.7	-0.4	426	0.0
	Karnataka	9112	0	208.7	80.3	-1.2	500	0.0
	Kerala	3030	0	66.9	53.5	1.1	254	0.0
	Tamil Nadu	13289	0	311.2	164.3	1.1	562	0.0
	Pondy	320	0	7.2	7.3	-0.2	64	0.0
ER	Bihar	4247	0	74.4	69.7	0.9	200	0.0
	DVC	2919	0	60.9	-52.7	-1.3	280	0.0
	Jharkhand	1117	0	19.5	13.0	-1.8	100	0.0
	Odisha	3398	0	64.9	31.0	-2.6	50	0.0
	West Bengal	6712	0	115.5	22.2	-5.2	100	0.0
	Sikkim	82	0	1.6	1.4	0.1	30	0.0
NER	Arunachal Pradesh	100	2	2.1	1.7	0.5	65	0.0
	Assam	1276	56	20.8	17.9	0.8	95	1.1
	Manipur	160	2	2.1	2.3	-0.2	24	0.0
	Meghalaya	251	0	4.2	2.7	-0.2	45	0.0
	Mizoram	78	2	1.6	1.2	-0.1	10	0.0
	Nagaland	101	3	1.9	2.0	-0.2	30	0.0
Tripura	224	5	2.1	2.2	-0.6	50	0.1	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.5	-10.8	-14.4
Day peak (MW)	102.4	-465.1	-645.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	154.4	-209.8	125.1	-71.9	1.6	-0.7
Actual(MU)	154.6	-206.0	118.0	-65.9	1.1	1.9
O/D/U/D(MU)	0.2	3.9	-7.0	6.0	-0.5	2.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5070	12566	6502	2080	270	26488
State Sector	7975	17853	4010	4385	50	34273
Total	13045	30419	10512	6465	319	60761

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	493	1126	616	422	9	2667
Hydro	95	16	50	16	8	186
Nuclear	33	28	47	0	0	107
Gas, Naptha & Diesel	26	55	22	0	21	125
RES (Wind, Solar, Biomass & Others)	61	70	113	2	0	246
Total	708	1295	848	441	38	3330

*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 : 2-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	453	0.0	6.4	-6.4
2		SASARAM-FATEHPUR	S/C	0	97	0.0	1.1	-1.1
3		GAYA-BALIA	S/C	0	524	0.0	9.5	-9.5
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	15	0.5	0.0	0.5
7		PUSAULI -ALLAHABAD	S/C	0	29	0.7	0.0	0.7
8		MUZAFFARPUR-GORAKHPUR	D/C	0	560	0.0	4.7	-4.7
9		PATNA-BALIA	Q/C	0	817	0.0	11.7	-11.7
10		BIHARSHARIFF-BALIA	D/C	0	279	0.0	5.6	-5.6
11		MOTIHARI-GORAKHPUR	D/C	0	290	0.0	4.7	-4.7
12		BIHARSHARIFF-VARANASI	D/C	0	316	0.0	1.6	-1.6
13	220 kV	PUSAULI-SAHUPURI	S/C	0	169	0.0	2.9	-2.9
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
ER-NR						1.9	48.1	-46.3
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	24.0	0.0	24.0
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	222	2.1	0.0	2.1
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	0	9.5	0.0	9.5
21		RANCHI-SIPAT	D/C	0	0	3.2	0.0	3.2
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	100	0.0	0.6	-0.6
23		BUDHIPADAR-KORBA	D/C	0	0	4.1	0.0	4.1
ER-WR						42.9	0.6	42.4
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	28.9	-28.9
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	351.1	0.0	15.9	-15.9
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2660.6	0.0	47.2	-47.2
27	400 kV	TALCHER-I/C	D/C	0.0	793.7	0.0	9.8	-9.8
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	92.0	-92.0
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	813	0.0	4.0	-4
30		ALIPURDUAR-BONGAIGAON	D/C	0	663	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.9	-2
ER-NER						3.9	5.8	-1.9
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	488	500	1.0	8.4	-7.4
NER-NR						1.0	8.4	-7.4
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1143	0.0	31.3	-31.3
34		V'CHAL B/B	D/C	0	250	0.0	3.8	-3.8
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2568	0.0	43.8	-43.8
37		PHAGI-GWALIOR	D/C	480	1420	0.0	25.3	-25.3
38		JABALPUR-ORAI	D/C	0	899	0.0	9.8	-9.8
39		GWALIOR-ORAI	S/C	718	0	14.5	0.0	14.5
40		SATNA-ORAI	S/C	0	1676	0.0	36.1	-36.1
41	400 kV	ZERDA-KANKROLI	S/C	442	0	8.3	0.0	8.3
42		ZERDA -BHINMAL	S/C	410	0	6.8	0.0	6.8
43		V'CHAL -RIHAND	S/C	961	0	20.4	0.0	20.4
44		RAPP-SHUALPUR	D/C	0	289	0	2	-2
45	220 kV	BADOD-KOTA	S/C	58	12	0.4	0.1	0.4
46		BADOD-MORAK	S/C	22	39	0.1	0.4	-0.3
47		MEHGAON-AURAIYA	S/C	73	0	0.9	0.0	0.9
48		MALANPUR-AURAIYA	S/C	33	0	0.4	0.0	0.4
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						51.9	160.3	-108.5
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.1	-23.1
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 kV	SOLAPUR-RAICHUR	D/C	0	1161	0.0	12.3	-12.3
53		WARDHA-NIZAMABAD	D/C	0	2250	0.0	33.9	-33.9
54	400 kV	KOLHAPUR-KUDGI	D/C	312	0	4.1	0.0	4.1
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
WR-SR						6.3	69.4	-63.1
TRANSNATIONAL EXCHANGE								
58		BHUTAN						2.5
59		NEPAL						-10.8
60		BANGLADESH						-14.4