



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: 05th 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 04.04.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 04-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 04th 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

5-Apr-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	44005	46572	44379	18754	2499	156209
Peak Shortage (MW)	895	11	0	100	95	1101
Energy Met (MU)	945	1142	1020	408	42	3557
Hydro Gen(MU)	114	39	75	31	7	266
Wind Gen(MU)	12	50	22	-----	-----	84
Solar Gen (MU)*	11.05	20.52	54.04	0.86	0.02	86
Energy Shortage (MU)	12.3	0.0	0.0	0.3	0.8	13.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	45174	49571	45385	19059	2548	158878

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	0.042	0.00	0.00	11.54	11.54	82.38	6.08

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	5830	0	128.6	54.0	-0.1	111	0.0
	Haryana	6414	225	119.8	46.6	1.5	307	1.1
	Rajasthan	8467	0	187.1	41.7	1.8	608	0.0
	Delhi	4187	0	87.8	69.1	0.0	168	0.0
	UP	15340	325	314.8	103.8	0.4	564	0.0
	Uttarakhand	1812	0	35.3	25.0	1.4	233	1.2
	HP	1377	0	26.2	18.0	0.8	220	0.1
	J&K	2092	523	41.8	34.1	0.5	226	9.9
WR	Chandigarh	200	0	4.0	4.0	0.1	38	0.0
	Chhattisgarh	3739	0	86.1	18.7	-1.7	121	0.0
	Gujarat	14858	0	339.1	164.1	2.9	428	0.0
	MP	8718	0	182.6	86.3	-3.5	185	0.0
	Maharashtra	22287	0	490.8	146.6	1.2	536	0.0
	Goa	603	0	11.7	11.2	-0.1	115	0.0
	DD	323	0	7.3	6.4	0.9	96	0.0
	DNH	760	0	17.7	16.7	1.0	80	0.0
SR	Essar steel	364	0	6.9	7.0	-0.1	201	0.0
	Andhra Pradesh	8079	0	172.1	46.5	-0.7	671	0.0
	Telangana	9061	0	200.6	105.2	-1.3	516	0.0
	Karnataka	10073	0	224.3	81.9	-1.1	514	0.0
	Kerala	3835	0	77.9	48.6	1.8	187	0.0
	Tamil Nadu	15115	0	337.2	164.6	3.2	608	0.0
ER	Pondy	366	0	7.9	8.2	-0.3	37	0.0
	Bihar	4341	0	84.4	78.9	0.4	100	0.0
	DVC	2946	100	66.3	-47.6	2.8	400	0.3
	Jharkhand	1128	0	22.9	12.6	1.5	200	0.0
	Odisha	3656	0	74.0	27.8	-1.6	180	0.0
	West Bengal	8345	0	158.6	26.0	1.4	400	0.0
NER	Sikkim	98	0	1.3	1.5	-0.2	15	0.0
	Arunachal Pradesh	125	1	2.1	1.5	0.6	65	0.0
	Assam	1527	31	24.7	20.5	1.7	95	0.7
	Manipur	166	2	2.4	2.4	0.1	24	0.0
	Meghalaya	298	0	5.1	2.2	-0.1	45	0.0
	Mizoram	81	1	1.3	1.1	0.2	10	0.0
NER	Nagaland	128	6	2.0	1.6	0.2	30	0.0
	Tripura	258	0	4.3	3.1	0.8	50	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.4	-9.4	-14.5
Day peak (MW)	182.1	-503.0	-644.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	140.7	-165.5	97.1	-77.5	5.5	0.3
Actual(MU)	138.1	-173.9	91.4	-69.2	9.2	-4.4
O/D/U/D(MU)	-2.6	-8.4	-5.7	8.3	3.7	-4.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4993	13161	5912	1040	410	25516
State Sector	9325	16454	4350	4665	50	34844
Total	14318	29615	10262	5705	460	60359

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	592	1139	684	471	12	2897
Hydro	114	38	77	31	7	267
Nuclear	33	29	46	0	0	108
Gas, Naptha & Diesel	31	55	22	0	19	126
RES (Wind, Solar, Biomass & Others)	52	70	113	2	0	237
Total	821	1331	942	503	37	3635

*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 : 5-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	349	0.0	5.6	-5.6
2		SASARAM-FATEHPUR	S/C	0	175	0.0	1.2	-1.2
3		GAYA-BALIA	S/C	0	424	0.0	7.3	-7.3
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	0.5	0.0	0.5
7		PUSAULI -ALLAHABAD	S/C	0	21	0.9	0.0	0.9
8		MUZAFFARPUR-GORAKHPUR	D/C	0	400	0.0	5.6	-5.6
9		PATNA-BALIA	Q/C	0	752	0.0	14.5	-14.5
10		BIHARSHARIFF-BALIA	D/C	0	226	0.0	5.0	-5.0
11		MOTHARI-GORAKHPUR	D/C	0	294	0.0	4.9	-4.9
12		BIHARSHARIFF-VARANASI	D/C	0	213	0.0	2.1	-2.1
13	220 kV	PUSAULI-SAHUPURI	S/C	0	185	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	0.5	0.0	0.5
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	49.1	-47.1
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	5.3	0.0	5.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	379	0.4	0.0	0.4
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	121	3.5	0.0	3.5
21		RANCHI-SIPAT	D/C	0	15	3.8	0.0	3.8
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	90	0.0	0.7	-0.7
23		BUDHIPADAR-KORBA	D/C	0	0	4.6	0.0	4.6
ER-WR						17.7	0.7	17.0
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	23.6	-23.6
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	449.3	0.0	15.4	-15.4
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2273.3	0.0	46.8	-46.8
27	400 kV	TALCHER-I/C	D/C	0.0	501.8	3.6	2.2	1.3
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	85.8	-85.8
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	571	0.6	0.0	1
30		ALIPURDUAR-BONGAIGAON	D/C	0	488	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.4	-1
ER-NER						4.5	1.4	3.1
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	485	0	11.7	0.0	11.7
NER-NR						11.7	0.0	11.7
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	598	0.0	35.8	-35.8
34		V'CHAL B/B	D/C	0	100	0.0	2.1	-2.1
35		APL -MHG	D/C	0	307	0.0	7.2	-7.2
36	765 kV	GWALIOR-AGRA	D/C	0	2530	0.0	47.2	-47.2
37		PHAGI-GWALIOR	D/C	0	1124	0.0	18.5	-18.5
38		JABALPUR-ORAI	D/C	0	675	0.0	6.0	-6.0
39		GWALIOR-ORAI	S/C	718	0	13.5	0.0	13.5
40		SATNA-ORAI	S/C	0	1652	0.0	37.3	-37.3
41	400 kV	ZERDA-KANKROLI	S/C	405	0	7.9	0.0	7.9
42		ZERDA -BHINMAL	S/C	371	0	6.6	0.0	6.6
43		V'CHAL -RIHAND	S/C	979	0	22.9	0.0	22.9
44		RAPP-SHUALPUR	D/C	0	8	0	2	-2
45	220 kV	BADOD-KOTA	S/C	87	33	0.7	0.1	0.6
46		BADOD-MORAK	S/C	36	53	0.1	0.3	-0.2
47		MEHGAON-AURAIYA	S/C	74	0	1.0	0.0	1.0
48		MALANPUR-AURAIYA	S/C	44	0	0.4	0.0	0.4
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						53.1	156.4	-103.4
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 kV	SOLAPUR-RAICHUR	D/C	377	1032	0.0	6.5	-6.5
53		WARDHA-NIZAMABAD	D/C	0	2144	0.0	32.2	-32.2
54	400 kV	KOLHAPUR-KUDGI	D/C	638	0	7.9	0.0	7.9
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
WR-SR						7.9	62.6	-54.7
TRANSNATIONAL EXCHANGE								
58		BHUTAN						2.4
59		NEPAL						-9.4
60		BANGLADESH						-14.5