



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: 10th 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 09.04.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 09-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 09th 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

10-Apr-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	39115	45796	42773	17876	2417	147978
Peak Shortage (MW)	860	0	0	0	91	951
Energy Met (MU)	831	1123	983	384	41	3362
Hydro Gen(MU)	112	22	66	34	6	239
Wind Gen(MU)	14	27	33	-----	-----	75
Solar Gen (MU)*	11.79	19.75	55.48	0.72	0.02	88
Energy Shortage (MU)	10.3	0.0	0.0	0.0	0.8	11.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	39974	49719	44475	17894	2383	149747

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	1.19	8.88	10.07	80.24	9.69

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	5487	0	105.3	51.2	-0.3	154	0.0
	Haryana	6181	0	102.4	44.5	-1.1	338	0.1
	Rajasthan	8664	0	182.2	60.3	1.3	570	0.2
	Delhi	3727	0	79.8	62.3	-1.9	66	0.1
	UP	14052	0	267.0	80.8	-1.0	480	0.0
	Uttarakhand	1635	0	31.9	18.6	0.0	71	0.0
	HP	1226	0	23.5	15.0	0.4	135	0.0
	J&K	2166	490	34.6	29.1	-2.3	235	9.9
WR	Chandigarh	195	0	3.9	3.8	0.1	34	0.0
	Chhattisgarh	3692	0	84.7	16.8	-1.5	107	0.0
	Gujarat	15315	0	342.1	187.3	-2.6	491	0.0
	MP	8445	0	178.3	78.1	-4.3	211	0.0
	Maharashtra	22105	0	476.1	154.2	-0.3	478	0.0
	Goa	537	0	11.5	10.1	0.7	58	0.0
	DD	311	0	7.0	6.5	0.5	69	0.0
	DNH	760	0	18.0	17.0	0.9	114	0.0
SR	Essar steel	288	0	5.7	5.6	0.0	197	0.0
	Andhra Pradesh	8360	0	177.4	68.1	0.0	406	0.0
	Telangana	7837	0	167.0	80.1	-0.6	386	0.0
	Karnataka	10208	0	224.6	87.9	1.2	312	0.0
	Kerala	3740	0	76.2	51.8	1.6	318	0.0
	Tamil Nadu	14854	0	329.5	166.3	1.3	793	0.0
ER	Pondy	374	0	7.9	8.1	-0.3	35	0.0
	Bihar	4535	0	79.4	75.6	0.3	385	0.0
	DVC	2786	0	62.9	-52.1	-1.8	345	0.0
	Jharkhand	989	0	22.7	13.0	-0.2	135	0.0
	Odisha	3644	0	72.0	20.7	-0.4	345	0.0
	West Bengal	7401	0	145.7	23.1	1.2	402	0.0
NER	Sikkim	97	0	1.3	1.4	-0.2	20	0.0
	Arunachal Pradesh	116	5	2.0	1.2	0.8	65	0.0
	Assam	1469	56	25.2	21.3	1.2	95	0.6
	Manipur	154	8	2.0	2.3	-0.2	24	0.0
	Meghalaya	279	0	4.6	2.5	-0.2	45	0.0
	Mizoram	82	2	1.4	0.9	0.5	10	0.0
NER	Nagaland	118	3	1.9	1.6	0.2	30	0.0
	Tripura	253	8	4.1	2.7	1.0	50	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.7	-9.7	-3.3
Day peak (MW)	144.2	-434.5	-167.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	145.2	-180.8	113.0	-91.5	13.8	-0.3
Actual(MU)	142.5	-179.6	116.8	-95.9	16.9	0.7
O/D/U/D(MU)	-2.7	1.2	3.9	-4.5	3.1	1.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6403	13561	5652	1430	639	27685
State Sector	9165	16393	5923	4795	50	36326
Total	15568	29954	11575	6225	689	64010

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	478	1176	626	453	4	2737
Hydro	112	22	67	34	6	240
Nuclear	28	30	46	0	0	104
Gas, Naptha & Diesel	33	52	22	0	19	125
RES (Wind, Solar, Biomass & Others)	59	47	122	2	0	230
Total	710	1327	883	488	29	3436

*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 : 10-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	364	0.0	5.3	-5.3
2		SASARAM-FATEHPUR	S/C	0	113	0.0	0.3	-0.3
3		GAYA-BALIA	S/C	0	436	0.0	8.2	-8.2
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	23	0.8	0.0	0.8
7		PUSAULI -ALLAHABAD	S/C	0	9	1.3	0.0	1.3
8		MUZAFFARPUR-GORAKHPUR	D/C	0	316	0.0	2.1	-2.1
9		PATNA-BALIA	Q/C	0	754	0.0	12.7	-12.7
10		BIHARSHARIFF-BALIA	D/C	0	238	0.0	4.5	-4.5
11		MOTIHARI-GORAKHPUR	D/C	0	131	0.0	1.8	-1.8
12		BIHARSHARIFF-VARANASI	D/C	0	479	0.0	0.9	-0.9
13	220 kV	PUSAULI-SAHUPURI	S/C	0	182	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	0.5	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						2.7	39.1	-36.4
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	11.6	0.0	11.6
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	378	2.8	0.0	2.8
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	114	2.2	0.0	2.2
21		RANCHI-SIPAT	D/C	0	64	2.7	0.0	2.7
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	125	0.0	1.7	-1.7
23		BUDHIPADAR-KORBA	D/C	0	0	3.7	0.0	3.7
ER-WR						23.0	1.7	21.3
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	31.0	-31.0
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	318.4	0.0	14.9	-14.9
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2281.6	0.0	52.7	-52.7
27	400 kV	TALCHER-I/C	D/C	0.0	1477.0	0.0	27.1	-27.1
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	98.6	-98.6
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1530	0.0	11.9	-12
30		ALIPURDUAR-BONGAIGAON	D/C	0	1183	3.9		4
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	3.7	-4
ER-NER						3.9	15.6	-11.7
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	501	0.0	10.4	-10.4
NER-NR						0.0	10.4	-10.4
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1425	0.0	26.0	-26.0
34		V'CHAL B/B	D/C	250	200	4.1	0.7	3.4
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2122	0.0	41.1	-41.1
37		PHAGI-GWALIOR	D/C	0	1324	0.0	24.0	-24.0
38		JABALPUR-ORAI	D/C	0	702	0.0	8.2	-8.2
39		GWALIOR-ORAI	S/C	700	0	14.5	0.0	14.5
40		SATNA-ORAI	S/C	0	1554	0.0	34.4	-34.4
41	400 kV	ZERDA-KANKROLI	S/C	459	0	8.6	0.0	8.6
42		ZERDA -BHINMAL	S/C	426	0	6.4	0.0	6.4
43		V'CHAL -RIHAND	S/C	944	0	12.0	0.0	12.0
44		RAPP-SHUALPUR	D/C	0	351	0	3	-3
45	220 kV	BADOD-KOTA	S/C	66	11	0.9	0.0	0.9
46		BADOD-MORAK	S/C	34	31	0.3	0.1	0.2
47		MEHGAON-AURAIYA	S/C	78	0	1.0	0.0	1.0
48		MALANPUR-AURAIYA	S/C	49	10	0.5	0.0	0.5
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						48.5	144.7	-96.2
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.7	-21.7
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 kV	SOLAPUR-RAICHUR	D/C	0	1260	0.0	14.0	-14.0
53		WARDHA-NIZAMABAD	D/C	0	2148	0.0	34.1	-34.1
54	400 kV	KOLHAPUR-KUDGI	D/C	423	0	5.9	0.0	5.9
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	100	0	2.2	0.0	2.2
WR-SR						8.1	69.8	-61.7
TRANSNATIONAL EXCHANGE								
58		BHUTAN						2.7
59		NEPAL						-9.7
60		BANGLADESH						-3.3