



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: 19th 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 18.04.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 18-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 18th 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

19-Apr-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	45386	46933	43192	19878	2341	157730
Peak Shortage (MW)	550	0	0	0	164	714
Energy Met (MU)	949	1160	1019	408	38	3573
Hydro Gen(MU)	105	21	72	38	7	243
Wind Gen(MU)	13	54	22	-----	-----	90
Solar Gen (MU)*	16.31	22.15	58.99	1.24	0.03	99
Energy Shortage (MU)	19.9	0.0	0.0	0.0	1.3	21.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	46911	50457	45579	20159	2315	161225

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	0.049	0.00	0.02	15.00	15.02	79.33	5.65

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	5886	0	120.3	41.7	-0.3	117	0.0
	Haryana	6737	12	123.2	58.4	1.9	276	1.1
	Rajasthan	8536	1310	192.0	73.5	6.2	565	7.7
	Delhi	4437	0	91.8	73.0	-1.2	64	0.3
	UP	15434	20	310.9	106.0	2.8	892	0.0
	Uttarakhand	1847	0	35.5	20.3	1.1	214	0.3
	HP	1390	0	26.0	17.2	1.8	276	0.0
	J&K	2571	454	45.0	32.7	2.8	952	10.6
WR	Chandigarh	205	0	4.2	4.2	0.0	36	0.0
	Chhattisgarh	3778	0	86.4	17.2	-1.6	154	0.0
	Gujarat	15529	0	350.0	169.1	2.6	553	0.0
	MP	8692	0	191.2	93.4	-1.3	237	0.0
	Maharashtra	22323	0	491.6	151.3	-2.4	198	0.0
	Goa	520	0	11.8	11.2	0.0	47	0.0
	DD	318	0	7.3	6.8	0.6	81	0.0
	DNH	749	0	17.6	16.9	0.7	58	0.0
SR	Essar steel	221	0	3.9	3.7	0.2	150	0.0
	Andhra Pradesh	8790	0	184.6	65.2	-0.2	465	0.0
	Telangana	8295	0	181.6	71.1	-0.6	333	0.0
	Karnataka	10039	0	220.1	76.4	-0.5	312	0.0
	Kerala	3723	0	77.7	48.7	1.6	208	0.0
	Tamil Nadu	15279	0	346.8	175.0	1.4	394	0.0
ER	Pondy	383	0	7.9	8.1	-0.3	51	0.0
	Bihar	4544	0	78.1	80.8	-3.4	180	0.0
	DVC	3190	0	71.9	-56.1	-2.3	340	0.0
	Jharkhand	1055	0	22.9	16.0	1.3	165	0.0
	Odisha	4016	0	82.5	27.2	0.5	360	0.0
	West Bengal	7951	0	150.7	36.1	1.4	250	0.0
NER	Sikkim	100	0	1.4	1.6	-0.2	2	0.0
	Arunachal Pradesh	116	4	2.0	1.5	0.6	44	0.0
	Assam	1378	145	22.2	18.0	1.3	98	1.1
	Manipur	163	2	1.9	2.0	-0.2	24	0.0
	Meghalaya	248	0	4.3	2.5	-0.1	18	0.0
	Mizoram	84	1	1.5	1.0	0.2	20	0.0
NER	Nagaland	122	2	2.0	1.6	0.2	32	0.0
	Tripura	245	4	3.8	2.9	0.3	45	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.9	-8.0	-2.6
Day peak (MW)	206.7	-458.0	-171.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	182.1	-197.2	103.6	-93.2	4.2	-0.5
Actual(MU)	194.7	-203.8	106.6	-102.0	6.1	1.7
O/D/U/D(MU)	12.6	-6.6	3.1	-8.8	1.9	2.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6238	12471	6962	770	405	26845
State Sector	9970	17036	5310	4455	50	36821
Total	16208	29507	12272	5225	454	63666

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	545	1191	668	479	5	2887
Hydro	105	21	73	38	7	244
Nuclear	24	30	46	0	0	100
Gas, Naptha & Diesel	35	65	22	0	23	146
RES (Wind, Solar, Biomass & Others)	59	76	120	2	0	257
Total	768	1383	930	519	35	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 : 19-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	406	0.0	7.3	-7.3
2		SASARAM-FATEHPUR	S/C	39	126	0.0	1.5	-1.5
3		GAYA-BALIA	S/C	0	430	0.0	8.2	-8.2
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	60	8	0.9	0.0	0.9
7		PUSAULI -ALLAHABAD	S/C	60	25	0.8	0.0	0.8
8		MUZAFFARPUR-GORAKHPUR	D/C	3	491	0.0	6.6	-6.6
9		PATNA-BALIA	Q/C	0	996	0.0	17.3	-17.3
10		BIHARSHARIFF-BALIA	D/C	0	206	0.0	4.8	-4.8
11		MOTHARI-GORAKHPUR	D/C	0	281	0.0	5.2	-5.2
12		BIHARSHARIFF-VARANASI	D/C	356	187	0.0	4.9	-4.9
13	220 kV	PUSAULI-SAHUPURI	S/C	0	192	0.0	3.9	-3.9
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	36	0	0.3	0.0	0.3
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	59.7	-57.7
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	875	0	8.1	0.0	8.1
19		NEW RANCHI-DHARAMJAIGARH	D/C	189	376	0.0	1.2	-1.2
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	586	104	3.2	0.0	3.2
21		RANCHI-SIPAT	D/C	153	40	1.6	0.0	1.6
22	220 kV	BUDHIPADAR-RAIGARH	S/C	69	137	0.0	1.1	-1.1
23		BUDHIPADAR-KORBA	D/C	204	0	3.8	0.0	3.8
ER-WR						16.7	2.3	14.4
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1406.8	0.0	27.0	-27.0
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	344.3	0.0	15.2	-15.2
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2273.4	0.0	49.9	-49.9
27	400 kV	TALCHER-I/C	D/C	14.6	576.2	0.0	5.8	-5.8
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	92.1	-92.1
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	8	647	0.0	2.5	-3
30		ALIPURDUAR-BONGAIGAON	D/C	1	541	0.0	1.6	-2
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	123	0.0	1.6	-2
ER-NER						0.0	5.8	-5.8
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	0.0	0.0
NER-NR						0.0	0.0	0.0
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1144	0.0	40.9	-40.9
34		V'CHAL B/B	D/C	200	250	1.3	3.5	-2.2
35		APL -MHG	D/C	0	307	0.0	11.3	-11.3
36	765 kV	GWALIOR-AGRA	D/C	0	1776	0.0	33.8	-33.8
37		PHAGI-GWALIOR	D/C	0	1634	0.0	38.2	-38.2
38		JABALPUR-ORAI	D/C	0	920	0.0	14.5	-14.5
39		GWALIOR-ORAI	S/C	429	0	9.2	0.0	9.2
40		SATNA-ORAI	S/C	0	1808	0.0	41.3	-41.3
41	400 kV	ZERDA-KANKROLI	S/C	353	0	7.2	0.0	7.2
42		ZERDA -BHINMAL	S/C	335	0	5.8	0.0	5.8
43		V'CHAL -RIHAND	S/C	974	0	22.3	0.0	22.3
44		RAPP-SHUALPUR	D/C	0	290	0	2	-2
45	220 kV	BADOD-KOTA	S/C	82	6	0.9	0.0	0.9
46		BADOD-MORAK	S/C	34	35	0.1	0.2	-0.1
47		MEHGAON-AURAIYA	S/C	168	0	3.1	0.0	3.1
48		MALANPUR-AURAIYA	S/C	26	21	0.1	0.1	0.0
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						50.1	185.9	-135.9
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	0	1134	0.0	14.3	-14.3
53		WARDHA-NIZAMABAD	D/C	0	1743	0.0	25.9	-25.9
54	400 kV	KOLHAPUR-KUDGI	D/C	527	0	7.6	0.0	7.6
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	100	0	2.2	0.0	2.2
WR-SR						9.8	64.0	-54.2
TRANSNATIONAL EXCHANGE								
58		BHUTAN						3.9
59		NEPAL						-8.0
60		BANGLADESH						-2.6