



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: 16th 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 15.04.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 15-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 15th 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

16-Apr-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	40288	42792	38559	19942	2223	143804
Peak Shortage (MW)	898	0	0	0	96	994
Energy Met (MU)	868	1112	944	404	36	3363
Hydro Gen(MU)	102	19	49	33	7	210
Wind Gen(MU)	11	50	29	-----	-----	90
Solar Gen (MU)*	15.09	19.09	53.09	0.81	0.03	88
Energy Shortage (MU)	11.5	0.0	0.0	0.0	1.4	12.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	41298	47994	41101	20586	2199	147450

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	0.90	8.84	9.75	82.91	7.35

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	5428	0	109.9	52.5	-0.2	101	0.0
	Haryana	5710	0	104.7	50.3	2.3	351	1.4
	Rajasthan	8610	0	180.5	58.3	1.3	349	0.5
	Delhi	3806	0	78.6	59.8	-1.4	107	0.0
	UP	14520	0	293.7	101.5	4.2	524	0.0
	Uttarakhand	1631	0	32.8	17.9	0.6	210	0.0
	HP	1212	0	23.1	15.2	0.8	278	0.0
	J&K	2035	509	41.1	34.1	-0.7	144	9.7
WR	Chandigarh	172	0	3.3	3.4	-0.1	16	0.0
	Chhattisgarh	3102	0	77.2	9.4	0.7	92	0.0
	Gujarat	14903	0	339.6	184.8	3.3	340	0.0
	MP	8321	0	180.2	81.9	-3.6	545	0.0
	Maharashtra	21483	0	473.8	155.6	-2.1	278	0.0
	Goa	470	0	11.1	9.8	0.6	41	0.0
	DD	297	0	6.9	6.7	0.2	61	0.0
	DNH	738	0	17.3	17.0	0.4	46	0.0
SR	Essar steel	292	0	5.3	5.4	-0.2	144	0.0
	Andhra Pradesh	8579	0	182.6	60.5	0.5	379	0.0
	Telangana	7697	0	173.6	77.7	-0.4	353	0.0
	Karnataka	9617	0	204.6	75.1	-1.5	537	0.0
	Kerala	3395	0	67.3	50.1	0.9	171	0.0
	Tamil Nadu	13049	0	308.2	164.2	1.9	426	0.0
ER	Pondy	350	0	7.6	7.7	-0.1	34	0.0
	Bihar	4833	0	82.9	81.1	1.1	225	0.0
	DVC	3154	0	72.5	-56.8	0.0	220	0.0
	Jharkhand	1094	0	24.4	14.7	0.5	85	0.0
	Odisha	4167	0	78.2	26.4	1.2	220	0.0
	West Bengal	7600	0	144.9	31.7	0.9	225	0.0
NER	Sikkim	84	0	1.2	1.2	0.0	10	0.0
	Arunachal Pradesh	115	3	2.0	1.8	0.2	44	0.0
	Assam	1290	70	20.0	16.5	0.2	98	1.1
	Manipur	162	3	2.3	2.4	-0.2	24	0.0
	Meghalaya	260	1	4.4	2.7	-0.2	18	0.0
	Mizoram	84	5	1.3	1.4	-0.2	20	0.0
NER	Nagaland	121	2	2.0	2.0	0.0	32	0.0
	Tripura	241	5	3.7	3.5	0.4	45	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.1	-10.1	-3.1
Day peak (MW)	126.9	-285.3	-175.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	155.3	-174.8	115.6	-98.6	2.4	-0.2
Actual(MU)	154.6	-179.3	111.0	-90.3	1.6	-2.4
O/D/U/D(MU)	-0.7	-4.4	-4.5	8.3	-0.8	-2.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5983	13637	7112	770	166	27667
State Sector	10490	15556	5160	4345	50	35601
Total	16473	29193	12272	5115	215	63268

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	499	1139	613	476	8	2736
Hydro	102	19	50	33	7	211
Nuclear	28	29	46	0	0	103
Gas, Naptha & Diesel	35	57	22	0	23	137
RES (Wind, Solar, Biomass & Others)	55	69	118	2	0	243
Total	719	1313	849	511	38	3430

*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(ग्रि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 16-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	369	0.0	5.9	-5.9
2		SASARAM-FATEHPUR	S/C	72	114	0.0	1.2	-1.2
3		GAYA-BALIA	S/C	0	452	0.0	7.1	-7.1
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	90	0	1.1	0.0	1.1
7		PUSAULI -ALLAHABAD	S/C	107	0	1.4	0.0	1.4
8		MUZAFFARPUR-GORAKHPUR	D/C	3	394	0.0	5.6	-5.6
9		PATNA-BALIA	Q/C	0	856	0.0	13.9	-13.9
10		BIHARSHARIFF-BALIA	D/C	0	185	0.0	4.2	-4.2
11		MOTIHARI-GORAKHPUR	D/C	0	242	0.0	4.0	-4.0
12		BIHARSHARIFF-VARANASI	D/C	240	218	0.0	1.9	-1.9
13	220 kV	PUSAULI-SAHUPURI	S/C	0	186	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	0.5	0.0	0.5
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						3.0	47.2	-44.2
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	1034	24	12.1	0.0	12.1
19		NEW RANCHI-DHARAMJAIGARH	D/C	174	454	0.0	3.5	-3.5
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	264	158	0.0	0.0	0.0
21		RANCHI-SIPAT	D/C	211	51	2.1	0.0	2.1
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	151	0.0	2.1	-2.1
23		BUDHIPADAR-KORBA	D/C	296	0	5.1	0.0	5.1
ER-WR						19.3	5.6	13.7
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1002.9	0.0	27.4	-27.4
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	344.3	0.0	16.0	-16.0
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2254.9	0.0	45.8	-45.8
27	400 kV	TALCHER-I/C	D/C	283.0	456.4	0.4	2.4	-2.0
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	89.1	-89.1
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	191	517	0.0	0.9	-1
30		ALIPURDUAR-BONGAIGAON	D/C	132	439	0.4	0.0	0
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	111	0.0	1.1	-1
ER-NER						0.4	2.0	-1.6
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	1004	0.0	42.7	-42.7
34		V'CHAL B/B	D/C	50	0	1.2	0.0	1.2
35		APL -MHG	D/C	0	709	0.0	14.3	-14.3
36	765 kV	GWALIOR-AGRA	D/C	0	1516	0.0	29.8	-29.8
37		PHAGI-GWALIOR	D/C	0	1556	0.0	22.0	-22.0
38		JABALPUR-ORAI	D/C	0	967	0.0	13.0	-13.0
39		GWALIOR-ORAI	S/C	368	0	7.8	0.0	7.8
40		SATNA-ORAI	S/C	0	1784	0.0	39.5	-39.5
41	400 kV	ZERDA-KANKROLI	S/C	503	0	9.7	0.0	9.7
42		ZERDA -BHINMAL	S/C	478	0	7.9	0.0	7.9
43		V'CHAL -RIHAND	S/C	959	0	22.6	0.0	22.6
44		RAPP-SHUJALPUR	D/C	0	209	0	1	-1
45	220 kV	BADOD-KOTA	S/C	94	0	1.3	0.0	1.3
46		BADOD-MORAK	S/C	39	12	0.3	0.1	0.2
47		MEHGAON-AURAIYA	S/C	67	0	1.2	0.0	1.2
48		MALANPUR-AURAIYA	S/C	41	0	0.6	0.0	0.6
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						52.6	162.8	-110.2
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.7	-23.7
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 kV	SOLAPUR-RAICHUR	D/C	149	976	0.0	11.6	-11.6
53		WARDHA-NIZAMABAD	D/C	0	1816	0.0	28.8	-28.8
54	400 kV	KOLHAPUR-KUDGI	D/C	485	55	4.0	0.0	4.0
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						6.2	64.1	-57.9
TRANSNATIONAL EXCHANGE								
58		BHUTAN						3.1
59		NEPAL						-10.1
60		BANGLADESH						-3.1