



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: 15th 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 14.04.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 14-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 14th 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

15-Apr-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	41719	45411	42296	19301	2085	150811
Peak Shortage (MW)	882	11	0	0	268	1161
Energy Met (MU)	877	1148	1001	407	36	3469
Hydro Gen(MU)	110	36	71	47	8	271
Wind Gen(MU)	11	35	21	-----	-----	67
Solar Gen (MU)*	19.18	20.46	57.94	0.89	0.02	98
Energy Shortage (MU)	10.5	0.0	0.0	0.0	2.7	13.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	42852	50497	44058	19564	2158	153213

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	0.68	9.57	10.25	84.44	5.30

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	5171	0	106.5	56.3	0.3	202	0.0
	Haryana	6190	248	112.7	49.7	1.7	362	0.1
	Rajasthan	8590	0	188.1	57.0	2.2	492	0.0
	Delhi	3615	0	77.4	59.4	-1.5	66	0.0
	UP	14215	0	284.3	97.8	4.1	819	0.0
	Uttarakhand	1793	0	35.2	19.4	1.1	177	0.0
	HP	1375	40	25.8	16.7	1.0	263	0.0
	J&K	2155	539	43.9	31.7	1.5	242	10.4
WR	Chandigarh	180	0	3.5	3.6	-0.1	18	0.0
	Chhattisgarh	3342	0	75.7	14.0	-2.6	313	0.0
	Gujarat	15610	0	351.2	188.7	2.0	289	0.0
	MP	8384	0	184.3	80.4	-3.1	284	0.0
	Maharashtra	22792	0	494.7	150.8	1.8	450	0.0
	Goa	531	0	11.7	10.2	0.7	58	0.0
	DD	323	0	7.4	6.9	0.5	64	0.0
	DNH	754	0	17.6	17.0	0.6	57	0.0
SR	Essar steel	297	0	5.5	5.4	0.0	149	0.0
	Andhra Pradesh	8617	0	182.9	60.9	0.5	438	0.0
	Telangana	8626	0	186.2	81.2	-1.2	475	0.0
	Karnataka	9985	0	226.6	81.4	-0.9	433	0.0
	Kerala	3650	0	74.3	48.9	1.3	304	0.0
	Tamil Nadu	13834	0	322.8	172.2	1.8	520	0.0
ER	Pondy	361	0	8.0	7.9	0.0	30	0.0
	Bihar	4699	0	78.9	78.6	-0.6	250	0.0
	DVC	3342	0	73.3	-60.3	0.9	220	0.0
	Jharkhand	1062	0	23.7	13.4	0.4	85	0.0
	Odisha	3668	0	77.7	23.0	0.5	225	0.0
	West Bengal	7538	0	152.3	35.7	0.9	250	0.0
NER	Sikkim	99	0	1.5	1.5	0.0	15	0.0
	Arunachal Pradesh	119	3	2.0	1.9	0.1	44	0.0
	Assam	1229	140	19.6	15.0	0.8	98	2.1
	Manipur	165	5	2.3	2.4	-0.1	24	0.0
	Meghalaya	278	0	4.6	2.7	-0.1	18	0.0
	Mizoram	87	2	1.4	1.3	-0.2	20	0.0
	Nagaland	123	2	2.1	2.0	0.0	32	0.0
Tripura	200	45	3.5	3.4	0.1	45	0.5	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.9	-8.6	-2.9
Day peak (MW)	426.2	-267.7	-155.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	145.8	-154.8	113.6	-107.7	3.4	0.2
Actual(MU)	153.9	-161.8	108.0	-100.4	1.3	0.9
O/D/U/D(MU)	8.1	-7.0	-5.7	7.3	-2.1	0.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5493	13372	7112	1625	312	27913
State Sector	10625	15837	5160	4135	50	35807
Total	16118	29209	12272	5760	361	63720

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	507	1143	646	479	8	2783
Hydro	110	36	72	47	8	272
Nuclear	28	29	46	0	0	103
Gas, Naptha & Diesel	34	63	22	0	23	142
RES (Wind, Solar, Biomass & Others)	60	56	116	2	0	233
Total	739	1327	902	528	38	3533

*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(ग्रि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 15-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	381	0.0	6.6	-6.6
2		SASARAM-FATEHPUR	S/C	41	162	0.0	1.5	-1.5
3		GAYA-BALIA	S/C	0	422	0.0	7.7	-7.7
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	79	25	0.3	0.0	0.3
7		PUSAULI -ALLAHABAD	S/C	103	18	0.6	0.0	0.6
8		MUZAFFARPUR-GORAKHPUR	D/C	5	499	0.0	7.5	-7.5
9		PATNA-BALIA	Q/C	0	733	0.0	13.2	-13.2
10		BIHARSHARIFF-BALIA	D/C	0	204	0.0	5.7	-5.7
11		MOTIHARI-GORAKHPUR	D/C	0	188	0.0	2.5	-2.5
12		BIHARSHARIFF-VARANASI	D/C	314	76	0.0	2.9	-2.9
13		220 kV	PUSAULI-SAHUPURI	S/C	0	183	0.0	3.4
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	36	0	0.4	0.0	0.4
16		KARMANASA-SAHUPURI	S/C	3	0	0.0	0.0	0.0
17		KARMANASA-CHANDALI	S/C	0	0	0.0	0.0	0.0
ER-NR						1.4	50.9	-49.5
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	872	103	9.2	0.0	9.2
19		NEW RANCHI-DHARAMJAIGARH	D/C	36	562	0.0	5.9	-5.9
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	161	255	0.0	0.2	-0.2
21		RANCHI-SIPAT	D/C	163	91	1.3	0.0	1.3
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	168	0.0	2.8	-2.8
23		BUDHIPADAR-KORBA	D/C	274	0	5.0	0.0	5.0
ER-WR						15.5	9.0	6.6
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	345.7	0.0	16.0	-16.0
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2271.5	0.0	47.5	-47.5
27	400 kV	TALCHER-I/C	D/C	222.7	336.0	0.4	2.2	-1.8
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	90.9	-90.9
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	149	413	0.0	0.7	-1
30		ALIPURDUAR-BONGAIGAON	D/C	102	360	0.4	0.0	0
31	220 kV	ALIPURDUAR-SALAKATI	D/C	9	85	0.0	0.9	-1
ER-NER						0.4	1.6	-1.2
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	25	1007	0.0	40.2	-40.2
34		V'CHAL B/B	D/C	50	0	1.3	0.0	1.3
35		APL -MHG	D/C	0	508	0.0	12.2	-12.2
36	765 kV	GWALIOR-AGRA	D/C	0	1456	0.0	25.2	-25.2
37		PHAGI-GWALIOR	D/C	0	1544	0.0	30.6	-30.6
38		JABALPUR-ORAI	D/C	0	968	0.0	13.3	-13.3
39		GWALIOR-ORAI	S/C	346	0	7.4	0.0	7.4
40		SATNA-ORAI	S/C	0	1650	0.0	36.3	-36.3
41	400 kV	ZERDA-KANKROLI	S/C	498	0	10.0	0.0	10.0
42		ZERDA -BHINMAL	S/C	463	0	8.1	0.0	8.1
43		V'CHAL -RIHAND	S/C	954	0	21.5	0.0	21.5
44		RAPP-SHUALPUR	D/C	27	213	0	1	-1
45	220 kV	BADOD-KOTA	S/C	116	0	1.6	0.0	1.6
46		BADOD-MORAK	S/C	55	11	0.5	0.0	0.5
47		MEHGAON-AURAIYA	S/C	72	0	1.2	0.0	1.2
48		MALANPUR-AURAIYA	S/C	46	0	0.7	0.0	0.7
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						52.3	158.8	-106.5
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	333	1019	0.0	9.4	-9.4
53		WARDHA-NIZAMABAD	D/C	0	1811	0.0	24.2	-24.2
54	400 kV	KOLHAPUR-KUDGI	D/C	489	0	6.1	0.0	6.1
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	100	0	2.2	0.0	2.2
WR-SR						8.3	57.5	-49.2
TRANSNATIONAL EXCHANGE								
58		BHUTAN						3.9
59		NEPAL						-8.6
60		BANGLADESH						-2.9