



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: 13th 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 12.04.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 12-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 12th 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

13-Apr-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs: from RLDCs)	41808	46545	44288	16935	2366	151943
Peak Shortage (MW)	549	0	0	0	157	706
Energy Met (MU)	810	1131	1021	373	39	3374
Hydro Gen(MU)	123	23	70	34	7	257
Wind Gen(MU)	7	41	20	-----	-----	68
Solar Gen (MU)*	18.33	19.41	57.61	0.71	0.03	96
Energy Shortage (MU)	10.1	0.0	0.0	0.0	1.7	11.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	42155	49639	45170	17870	2411	153738

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	0.039	0.13	0.95	7.67	8.75	82.67	8.58

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	5114	0	107.4	57.4	-0.5	142	0.0
	Haryana	6282	0	102.6	43.6	2.2	544	0.0
	Rajasthan	7906	0	171.1	63.5	0.6	369	0.0
	Delhi	3841	0	78.3	61.7	-3.2	18	0.0
	UP	13939	70	245.1	73.9	2.3	609	0.0
	Uttarakhand	1651	0	34.0	18.0	0.0	54	0.0
	HP	1381	0	25.2	15.9	0.7	171	0.0
	J&K	2047	512	42.4	32.3	-1.6	120	10.0
WR	Chandigarh	179	0	3.6	4.0	-0.4	8	0.0
	Chhattisgarh	3639	0	84.2	15.0	0.8	146	0.0
	Gujarat	15504	0	351.4	178.6	5.0	516	0.0
	MP	8008	0	168.9	79.9	-2.8	250	0.0
	Maharashtra	22091	0	484.1	152.5	5.8	389	0.0
	Goa	531	0	11.7	10.6	0.3	40	0.0
	DD	329	0	7.5	6.8	0.7	85	0.0
	DNH	774	0	18.2	17.2	0.9	78	0.0
SR	Essar steel	290	0	5.3	5.4	-0.1	154	0.0
	Andhra Pradesh	8488	0	183.5	72.0	1.9	629	0.0
	Telangana	8390	0	180.5	74.0	-0.3	471	0.0
	Karnataka	10420	0	229.6	90.5	0.3	543	0.0
	Kerala	3712	0	76.8	56.4	0.9	338	0.0
	Tamil Nadu	15235	0	342.9	188.8	1.4	623	0.0
ER	Pondy	370	0	8.0	8.2	-0.2	38	0.0
	Bihar	4541	0	75.3	75.9	-2.3	250	0.0
	DVC	3165	0	69.7	-55.7	1.7	400	0.0
	Jharkhand	1055	0	20.1	12.9	-2.6	50	0.0
	Odisha	3849	0	74.0	25.7	-1.2	350	0.0
	West Bengal	6706	0	132.9	28.4	-1.4	300	0.0
NER	Sikkim	97	0	1.4	1.5	-0.1	20	0.0
	Arunachal Pradesh	120	6	2.1	1.6	0.5	44	0.0
	Assam	1415	114	22.9	18.0	1.2	98	1.5
	Manipur	174	5	2.0	2.2	-0.2	24	0.0
	Meghalaya	284	1	4.5	2.7	-0.2	18	0.0
	Mizoram	85	3	1.6	1.2	0.2	20	0.0
NER	Nagaland	122	6	2.1	1.8	0.2	32	0.0
	Tripura	256	1	3.8	3.5	0.0	45	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.6	-8.2	-3.1
Day peak (MW)	221.1	-478.0	-172.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	136.5	-165.0	117.5	-93.7	4.1	-0.6
Actual(MU)	129.9	-160.4	123.9	-99.6	4.8	-1.4
O/D/U/D(MU)	-6.6	4.5	6.4	-5.9	0.7	-0.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5693	13881	6362	1430	257	27623
State Sector	11075	16281	5890	4385	50	37681
Total	16768	30162	12252	5815	306	65303

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	451	1138	661	456	10	2717
Hydro	123	23	71	34	7	258
Nuclear	28	27	46	0	0	101
Gas, Naptha & Diesel	35	60	22	0	22	139
RES (Wind, Solar, Biomass & Others)	55	60	114	2	0	231
Total	691	1309	915	492	38	3445

*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 : 13-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	348	0.0	5.3	-5.3
2		SASARAM-FATEHPUR	S/C	109	181	0.0	1.0	-1.0
3		GAYA-BALIA	S/C	0	357	0.0	6.4	-6.4
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	4	0	0.0	0.0	0.0
6	400 kV	PUSAULI-VARANASI	S/C	34	34	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	77	19	0.6	0.0	0.6
8		MUZAFFARPUR-GORAKHPUR	D/C	6	559	0.0	5.8	-5.8
9		PATNA-BALIA	Q/C	0	813	0.0	13.5	-13.5
10		BIHARSHARIFF-BALIA	D/C	0	208	0.0	4.6	-4.6
11		MOTIHARI-GORAKHPUR	D/C	0	231	0.0	3.5	-3.5
12		BIHARSHARIFF-VARANASI	D/C	115	284	0.0	2.3	-2.3
13		220 kV	PUSAULI-SAHUPURI	S/C	0	218	0.0	3.3
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	0	0	0.0	0.0	0.0
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						1.1	45.8	-44.7
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	651	94	8.6	0.0	8.6
19		NEW RANCHI-DHARAMJAIGARH	D/C	35	534	0.0	4.8	-4.8
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	137	244	0.0	0.9	-0.9
21		RANCHI-SIPAT	D/C	118	105	1.1	0.0	1.1
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	176	0.0	2.2	-2.2
23		BUDHIPADAR-KORBA	D/C	270	0	5.0	0.0	5.0
ER-WR						14.7	8.0	6.7
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1739.7	0.0	32.4	-32.4
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	338.9	0.0	15.9	-15.9
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2274.0	0.0	52.4	-52.4
27	400 kV	TALCHER-I/C	D/C	96.5	682.4	0.0	4.9	-4.9
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	100.7	-100.7
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	41	717	0.0	1.8	-2
30		ALIPURDUAR-BONGAIGAON	D/C	18	594	0.0	1.1	-1
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	128	0.0	1.4	-1
ER-NER						0.0	4.4	-4.4
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	2079	0.0	28.5	-28.5
34		V'CHAL B/B	D/C	250	250	2.1	1.0	1.0
35		APL -MHG	D/C	0	508	0.0	13.5	-13.5
36	765 kV	GWALIOR-AGRA	D/C	0	1132	0.0	18.8	-18.8
37		PHAGI-GWALIOR	D/C	0	1560	0.0	32.7	-32.7
38		JABALPUR-ORAI	D/C	0	627	0.0	5.5	-5.5
39		GWALIOR-ORAI	S/C	506	0	9.8	0.0	9.8
40		SATNA-ORAI	S/C	0	1511	0.0	34.2	-34.2
41	400 kV	ZERDA-KANKROLI	S/C	523	0	9.7	0.0	9.7
42		ZERDA -BHINMAL	S/C	430	0	7.7	0.0	7.7
43		V'CHAL -RIHAND	S/C	857	0	18.5	0.0	18.5
44		RAPP-SHUALPUR	D/C	0	212	0	1	-1
45	220 kV	BADOD-KOTA	S/C	108	0	1.5	0.0	1.5
46		BADOD-MORAK	S/C	68	19	0.5	0.0	0.5
47		MEHGAON-AURAIYA	S/C	55	0	0.8	0.0	0.8
48	132kV	MALANPUR-AURAIYA	S/C	43	0	0.4	0.0	0.4
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						51.0	135.8	-84.7
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	0	1456	0.0	20.3	-20.3
53		WARDHA-NIZAMABAD	D/C	0	2067	0.0	32.5	-32.5
54	400 kV	KOLHAPUR-KUDGI	D/C	665	0	6.8	0.0	6.7
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						8.9	76.8	-67.9
TRANSNATIONAL EXCHANGE								
58		BHUTAN						3.6
59		NEPAL						-8.2
60		BANGLADESH						-3.1