



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: 01st April 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
General Manager, 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. महाप्रबंधक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र, अंधेरी, मुंबई -400093
General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. महाप्रबंधक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतेह, लोअर नॉग्रह, लापालंग, शिलॉंग - 793006
General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. अपर महाप्रबंधक, द.क्षे.भा.प्रे.के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु -560009
Additional General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 31.03.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 30 मार्च 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रीड निष्पादन रिपोर्ट रांभांप्रेके 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 31st Mar 2017, is available at the NLDC website.

धन्यवाद,



पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting

1-Apr-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	41915	47202	39848	19652	2217	150835
Peak Shortage (MW)	478	98	0	150	146	872
Energy Met (MU)	960	1138	994	395	35	3523
Hydro Gen(MU)	153	26	78	49	8	314
Wind Gen(MU)	20	45	20	-----	-----	85
Solar Gen (MU)*	0.44	12.07	22.50	1.40	0.02	36

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	0.050	0.00	1.28	7.35	8.63	68.43	22.94

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)
NR	Punjab	6215	0	127.8	64.6	0.4	201
	Haryana	6492	0	122.6	96.1	0.0	0
	Rajasthan	8418	0	183.7	62.6	1.4	402
	Delhi	4051	2	85.3	65.2	-0.2	205
	UP	16110	0	332.2	118.1	1.4	579
	Uttarakhand	1802	0	35.9	20.8	0.2	107
	HP	1357	0	26.2	13.3	1.6	156
	J&K	2633	658	41.9	26.3	2.3	1117
WR	Chhattisgarh	3669	0	89.8	36.2	1.8	367
	Gujarat	14939	0	330.9	132.5	-2.0	392
	MP	8384	0	178.0	104.8	-3.7	341
	Maharashtra	22397	0	494.4	146.8	-5.0	303
	Goa	519	0	11.1	10.3	0.2	98
	DD	297	0	6.8	6.9	-0.1	24
	DNH	746	0	17.0	17.1	-0.1	19
	Essar steel	757	0	10.5	10.1	0.4	210
SR	Andhra Pradesh	7165	0	165.9	16.2	1.7	392
	Telangana	9191	0	194.8	89.8	4.5	315
	Karnataka	10170	0	227.9	93.5	3.8	392
	Kerala	3858	0	75.3	52.9	2.1	236
	Tamil Nadu	14259	0	322.3	171.2	-2.7	449
	Pondy	337	0	7.4	7.7	-0.3	22
ER	Bihar	3799	0	66.6	59.0	2.0	250
	DVC	2820	0	65.4	-38.3	-0.5	240
	Jharkhand	1161	0	24.1	17.6	1.9	155
	Odisha	4187	0	81.2	20.4	2.0	300
	West Bengal	8397	0	156.5	61.7	2.2	320
NER	Sikkim	86	0	1.3	2.3	-0.9	21
	Arunachal Pradesh	103	6	1.8	1.9	-0.2	15
	Assam	1316	108	20.4	15.7	1.8	178
	Manipur	146	2	1.9	2.2	-0.3	15
	Meghalaya	282	0	4.8	2.2	-0.6	41
	Mizoram	77	4	1.4	1.3	0.0	16
	Nagaland	95	3	1.7	1.6	0.0	12
Tripura	212	9	3.4	1.1	0.9	78	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	7.9	-7.6	-9.8
Day peak (MW)	437.7	-402.0	-626.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	182.9	-219.5	89.3	-54.1	1.8	0.3
Actual(MU)	181.0	-225.2	84.0	-44.1	-2.1	-6.5
O/D/U/D(MU)	-1.9	-5.7	-5.3	10.0	-3.9	-6.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5673	8162	2020	2035	512	18402
State Sector	11565	18213	6852	6809	110	43549
Total	17238	26375	8872	8844	621	61951

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	1-Apr-17
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
Import/Export of ER (With NR)									
1	765KV	GAYA-VARANASI	D/C	0	278	0.0	7.8	-7.8	
2		SASARAM-FATEHPUR	S/C	0	5	2.6	0.0	2.6	
3		GAYA-BALIA	S/C	0	379	0.0	5.5	-5.5	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.6	-0.6	
5		PUSAULI B/B	S/C	0	148	0.0	3.6	-3.6	
6	400 KV	PUSAULI-VARANASI	S/C	0	170	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	16	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	611	0.0	9.5	-9.5	
9		PATNA-BALIA	Q/C	0	830	0.0	17.1	-17.1	
10		BIHARSHARIFF-BALIA	D/C	0	264	0.0	4.0	-4.0	
11		BARH-GORAKHPUR	D/C	0	463	0.0	9.3	-9.3	
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.2	0.0	0.2	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	225	0.0	4.3	-4.3	
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						3.3	61.8	-58.4	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	297	1.6	0.0	1.6	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	10.3	0.0	10.3	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	0.0	0.0	0.0	
21		JHARSUGUDA-RAIGARH	S/C	0	0	3.0	0.0	3.0	
22		IBEUL-RAIGARH	S/C	0	0	3.1	0.0	3.1	
23		STERLITE-RAIGARH	D/C	0	118	0.3	0.0	0.3	
24	220 KV	RANCHI-SIPAT	D/C	0	0	9.2	0.0	9.2	
25		BUDHIPADAR-RAIGARH	S/C	0	86	0.0	0.5	-0.5	
26		BUDHIPADAR-KORBA	D/C	0	0	2.2	0.0	2.2	
ER-WR						29.7	0.5	29.2	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.7	-12.7	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	343.7	0.0	16.1	-16.1	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2019.8	0.0	41.1	-41.1	
30	400 KV	TALCHER-1C	D/C	0.0	23.3	10.3	0.0	10.2	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	69.9	-69.9	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	177	2.6	0.0	3	
33		ALIPURDUAR-BONGAIGAON	D/C	0	178	7.0	0.0	7	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.5	0.0	1	
ER-NER						10.1	0.0	10.1	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	500	0	8.3	0.0	8.3	
NER-NR						8.3	0.0	8.3	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	23.1	-23.1	
37		V'CHAL B/B	D/C	500	0	11.1	0.0	11.1	
38		APL -MHG	D/C	0	1713	0.0	38.2	-38.2	
39	765 KV	GWALIOR-AGRA	D/C	0	2976	0.0	57.1	-57.1	
40		PHAGI-GWALIOR	D/C	0	1532	0.0	30.0	-30.0	
41	400 KV	ZERDA-KANKROLI	S/C	269	0	5.1	0.0	5.1	
42		ZERDA -BHINMAL	S/C	263	3	4.1	0.0	4.1	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44	220 KV	RAPP-SHUJALPUR	D/C	0	368	0	3	-3	
45		BADOD-KOTA	S/C	36	32	0.2	0.2	0.0	
46		BADOD-MORAK	S/C	0	75	0.0	1.0	-1.0	
47		MEHGAON-AURAIYA	S/C	34	24	0.3	0.0	0.2	
48	132KV	MALANPUR-AURAIYA	S/C	0	40	0.0	0.4	-0.4	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						20.8	153.2	-132.4	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	22.5	-22.5	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1306	0.0	24.3	-24.3	
53		WARDHA-NIZAMABAD	D/C	0	0	0.0	17.4	-17.4	
54	400 KV	KOLHAPUR-KUDGI	D/C	371	234	3.6	0.0	3.6	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	256	0.0	5.8	-5.8	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	100	0	1.1	0.0	1.1	
WR-SR						4.7	69.9	-65.2	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						7.9	
59		NEPAL						-7.6	
60		BANGLADESH						-9.8	