



National Load Despatch Centre
पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
POWER SYSTEM OPERATION CORPORATION LIMITED
(Government of India Enterprise)
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

Date: 21st Mar 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033
General Manager, ERLDC, 14 Golf Club Road, Tollygunge, 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., डोंगतिह, लोअर नॉग्रह , लापलंग, शिलॉंग - 793006
General Manager, 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 20.03.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 20 मार्च 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट राभाप्रेके 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 20th Mar 2017, is available at the NLDC website.

Thanking You.



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

Report for previous day

Date of Reporting

21-Mar-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	37193	44685	39360	17736	2011	140985
Peak Shortage (MW)	658	89	0	0	233	980
Energy Met (MU)	830	1049	948	343	35	3206
Hydro Gen(MU)	118	41	79	32	5	274
Wind Gen(MU)	2	19	27	-----	-----	48
Solar Gen (MU)*	0.94	12.73	20.30	1.55	0.00	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	0.052	0.00	0.64	13.50	14.13	73.09	12.78

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	5677	0	109.0	61.1	0.8	158
	Haryana	5813	0	113.8	102.8	0.6	187
	Rajasthan	8134	0	169.9	60.9	-0.6	194
	Delhi	3236	0	61.2	50.4	-0.5	218
	UP	12738	0	272.2	106.5	1.6	356
	Uttarakhand	1728	0	32.2	19.2	-0.2	187
	HP	1361	0	26.7	17.0	1.7	230
	J&K	1962	491	42.0	34.1	-0.1	97
WR	Chhattisgarh	3675	0	83.1	21.2	0.0	272
	Gujarat	14090	0	307.9	121.1	2.7	614
	MP	8000	0	161.3	97.6	-2.0	270
	Maharashtra	21037	0	455.7	152.8	-3.1	411
	Goa	488	0	9.7	9.0	0.0	99
	DD	324	0	7.1	6.8	0.3	56
	DNH	741	0	16.9	16.9	0.0	28
	Essar steel	396	0	7.4	8.3	-0.9	166
SR	Andhra Pradesh	7200	0	163.8	22.3	1.5	342
	Telangana	8705	0	177.0	81.5	0.3	238
	Karnataka	9887	0	218.8	77.0	4.0	443
	Kerala	3615	0	71.2	53.5	2.3	183
	Tamil Nadu	14572	0	310.1	152.7	0.5	632
	Pondy	339	0	6.9	7.0	-0.1	59
ER	Bihar	3191	0	57.3	56.2	0.1	200
	DVC	3068	0	77.3	-40.9	2.0	30
	Jharkhand	1212	0	21.6	16.0	-0.5	210
	Odisha	4042	0	74.8	17.5	0.4	30
	West Bengal	6611	0	110.7	26.4	0.6	110
NER	Sikkim	100	0	1.6	1.5	0.1	5
	Arunachal Pradesh	103	3	1.9	1.5	0.4	31
	Assam	1210	127	20.3	13.1	3.6	318
	Manipur	153	1	2.1	1.8	0.3	41
	Meghalaya	269	0	5.4	2.8	0.1	88
	Mizoram	85	1	1.5	1.0	0.4	33
	Nagaland	111	1	1.9	1.3	0.5	19
Tripura	173	7	2.4	0.3	1.3	121	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.7	-4.0	-13.7
Day peak (MW)	122.2	-182.4	-608.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	206.6	-194.0	74.6	-88.0	2.1	1.3
Actual(MU)	206.8	-203.2	76.0	-89.1	8.2	-1.2
O/D/U/D(MU)	0.2	-9.2	1.4	-1.1	6.1	-2.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5286	11076	2980	1070	1144	21557
State Sector	14890	20941	6942	5779	110	48662
Total	20176	32017	9922	6849	1254	70219

*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(पोसीको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	21-Mar-17
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	395	0.0	12.3	-12.3	
2		SASARAM-FATEHPUR	S/C	0	58	1.8	0.0	1.8	
3		GAYA-BALIA	S/C	0	472	0.0	6.8	-6.8	
4	HVDC LINK	PUSAULI B/B	S/C	0	397	0.0	9.5	-9.5	
5	400 KV	PUSAULI-SARNATH	S/C	0	307	0.0	0.0	0.0	
6		PUSAULI-ALLAHABAD	S/C	0	136	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	0	479	0.0	5.7	-5.7	
8		PATNA-BALIA	Q/C	0	928	0.0	16.7	-16.7	
9		BIHARSHARIFF-BALIA	D/C	0	236	0.0	3.3	-3.3	
10		BARH-GORAKHPUR	D/C	0	559	0.0	11.7	-11.7	
11	220 KV	BIHARSHARIFF-VARANASI	D/C	0	5	0.0	0.6	-0.6	
12		PUSAULI-SAHUPURI	S/C	0	218	0.0	3.9	-3.9	
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5	
15		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
ER-NR						2.3	70.7	-68.4	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	519	0.0	1.1	-1.1	
18		NEW RANCHI-DHARAMJAIGARH	D/C	0	148	1.7	0.0	1.7	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	0.0	0.3	-0.3	
20		JHARSUGUDA-RAIGARH	S/C	0	40	0.1	0.0	0.1	
21		IBEUL-RAIGARH	S/C	0	0	0.1	0.0	0.1	
22		STERLITE-RAIGARH	D/C	0	228	0.0	3.3	-3.3	
23	220 KV	RANCHI-SIPAT	D/C	0	0	5.7	0.0	5.7	
24		BUDHIPADAR-RAIGARH	S/C	0	101	0.0	1.3	-1.3	
25		BUDHIPADAR-KORBA	D/C	0	0	1.6	0.0	1.6	
ER-WR						9.2	6.0	3.2	
Import/Export of ER (With SR)									
26	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.8	-12.8	
27	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	297.3	0.0	13.8	-13.8	
28	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	2030.8	0.0	44.2	-44.2	
29		TALCHER-I/C	D/C	0.0	594.7	2.8	0.2	2.6	
30	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
ER-SR						0.0	70.7	-70.7	
Import/Export of ER (With NER)									
31	400 KV	BINAGURI-BONGAIGAON	D/C	0	0	0.0	0.0	0	
32		ALIPURDUAR-BONGAIGAON	D/C	0	623	1.6	0.0	2	
33	220 KV	ALIPURDUAR-SALAKATI	D/C	0	508	0.2	0.0	0	
ER-NER						1.8	0.0	1.8	
Import/Export of NR (With NER)									
34	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	12.0	-12.0	
NR-NER						0.0	12.0	-12.0	
Import/Export of WR (With NR)									
35	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	9.4	-9.4	
36		V'CHAL B/B	D/C	250	0	2.9	0.0	2.9	
37		APL -MHG	D/C	0	2519	0.0	54.9	-54.9	
38	765 KV	GWALIOR-AGRA	D/C	0	2826	0.0	58.6	-58.6	
39		PHAGI-GWALIOR	D/C	0	1458	0.0	30.4	-30.4	
40	400 KV	ZERDA-KANKROLI	S/C	272	0	4.9	0.0	4.9	
41		ZERDA -BHINMAL	S/C	227	6	2.9	0.0	2.9	
42		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
43		RAPP-SHUJALPUR	D/C	0	511	0	4	-4	
44	220 KV	BADOD-KOTA	S/C	19	38	0.1	0.3	-0.2	
45		BADOD-MORAK	S/C	0	50	0.0	0.7	-0.7	
46		MEHGAON-AURAIYA	S/C	68	0	0.9	0.0	0.9	
47	132KV	MALANPUR-AURAIYA	S/C	28	12	0.2	0.1	0.1	
48		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						11.9	158.6	-146.7	
Import/Export of WR (With SR)									
49	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	19.8	-19.8	
50	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
51		SOLAPUR-RAICHUR	D/C	0	1583	0.0	29.4	-29.4	
52	400 KV	KOLHAPUR-KUDGI	D/C	123	182	0.0	1.2	-1.2	
53	220 KV	KOLHAPUR-CHIKODI	D/C	0	272	0.0	5.8	-5.8	
54		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
55		XELDEM-AMBEWADI	S/C	92	0	1.6	0.0	1.6	
WR-SR						1.6	56.2	-54.6	
TRANSNATIONAL EXCHANGE									
56		BHUTAN						2.7	
57		NEPAL						-4.0	
58		BANGLADESH						-4.9	