



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: 20th May 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 , लापलंग, शिल्लोंग - 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 19.05.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 19-मई 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेंकें 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 19 May 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

20-May-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	45991	45365	38487	18962	2401	151207
Peak Shortage (MW)	369	78	199	100	91	837
Energy Met (MU)	1105	1111	881	392	42	3531
Hydro Gen(MU)	300	24	28	73	11	437
Wind Gen(MU)	38	106	103	-----	-----	247
Solar Gen (MU)*	1.08	12.62	25.80	1.39	0.02	41
Energy Shortage (MU)	18.7	0.0	0.0	0.3	1.2	20.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	51086	46867	40125	19543	2436	153631

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	0.038	0.00	0.00	4.81	4.81	69.20	25.98

C. Power Supply Position in States

RegionRegion	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	7431	0	168.1	101.8	2.1	309	0.0
	Haryana	7627	0	156.4	104.4	-1.7	216	0.0
	Rajasthan	9025	0	194.6	60.8	4.6	695	0.0
	Delhi	5733	0	114.9	95.2	-0.3	310	0.0
	UP	16954	680	360.7	162.2	2.6	365	0.0
	Uttarakhand	1885	0	40.5	18.9	0.2	129	0.0
	HP	1318	0	27.7	5.6	3.2	284	0.0
	J&K	1870	468	36.6	14.7	-1.6	289	18.7
Chandigarh	299	0	5.9	6.2	-0.3	9	0.0	
WR	Chhattisgarh	3568	0	84.6	17.4	-0.4	257	0.0
	Gujarat	15144	0	334.2	95.0	0.5	421	0.0
	MP	8052	0	178.7	91.1	-2.6	250	0.0
	Maharashtra	21100	0	469.4	142.6	-3.3	733	0.0
	Goa	465	0	10.3	9.8	0.1	123	0.0
	DD	322	0	7.1	6.8	0.4	62	0.0
	DNH	747	0	17.0	17.3	-0.4	17	0.0
	Essar steel	387	0	10.0	8.9	1.1	240	0.0
SR	Andhra Pradesh	7882	0	174.4	43.8	8.9	423	0.0
	Telangana	7191	0	152.3	61.7	-0.6	439	0.0
	Karnataka	8288	0	163.9	59.8	1.7	453	0.0
	Kerala	3774	0	71.5	54.3	1.6	264	0.0
	Tamil Nadu	14274	0	311.0	124.3	2.1	422	0.0
	Pondy	361	0	7.5	7.9	-0.4	68	0.0
ER	Bihar	3984	100	79.5	73.2	4.5	250	0.3
	DVC	2799	0	65.1	-46.6	-1.0	180	0.0
	Jharkhand	1112	0	23.0	18.2	-1.2	110	0.0
	Odisha	4145	0	79.3	22.5	0.9	350	0.0
	West Bengal	7939	0	143.5	41.5	-0.3	280	0.0
	Sikkim	66	0	1.2	1.3	-0.1	20	0.0
NER	Arunachal Pradesh	86	5	2.0	1.8	0.2	23	0.0
	Assam	1543	57	25.2	20.1	1.2	202	1.0
	Manipur	141	10	2.4	2.2	0.2	11	0.1
	Meghalaya	245	0	4.1	2.9	-0.1	14	0.0
	Mizoram	72	1	1.3	1.3	0.0	13	0.0
	Nagaland	93	3	2.1	2.0	-0.1	0	0.0
	Tripura	227	9	4.6	2.8	0.1	25	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	15.1	-6.8	-14.2
Day peak (MW)	710.4	-352.5	-662.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	198.5	-209.8	81.0	-77.4	7.2	-0.4
Actual(MU)	200.0	-214.1	78.1	-70.8	7.9	1.1
O/D/U/D(MU)	1.5	-4.3	-2.9	6.6	0.7	1.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4422	11266	4760	1200	480	22127
State Sector	10500	15006	7642	5455	110	38713
Total	14922	26272	12402	6655	589	60840

*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 : 20-May-17	
								Import=(+ve) /Export =(-ve) for NET (MU)	
Sl 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	0	0.0	4.2	-4.2	
2		SASARAM-FATEHPUR	S/C	0	0	5.9	0.0	5.9	
3		GAYA-BALIA	S/C	0	475	0.0	7.6	-7.6	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	368	0.0	8.8	-8.8	
6	400 KV	PUSAULI-VARANASI	S/C	0	255	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	141	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	418	0.0	5.0	-5.0	
9		PATNA-BALIA	Q/C	0	663	0.0	12.6	-12.6	
10		BIHARSHARIFF-BALIA	D/C	0	102	0.0	1.6	-1.6	
11		BARH-GORAKHPUR	D/C	0	532	0.0	11.5	-11.5	
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.0	0.0	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	231	0.0	4.5	-4.5	
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	6.4	55.9	-49.5
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	19	5.9	0.0	5.9	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	272	1.9	0.0	1.9	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	37	1.4	0.0	1.4	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.1	0.0	2.1	
22		IBEUL-RAIGARH	S/C	0	0	2.1	0.0	2.1	
23		STERLITE-RAIGARH	D/C	0	28	1.4	0.0	1.4	
24		RANCHI-SIPAT	D/C	0	12	3.0	0.0	3.0	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	109	0.0	1.0	-1.0	
26		BUDHIPADAR-KORBA	D/C	0	0	3.6	0.0	3.6	
						ER-WR	21.3	1.0	20.3
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.4	-12.4	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	324.6	0.0	11.2	-11.2	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2509.5	0.0	42.0	-42.0	
30	400 KV	TALCHER-I/C	D/C	0.0	1022.0	0.3	13.0	-12.7	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	65.5	-65.5
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	965	0.0	5.1	-5	
33		ALIPURDUAR-BONGAIGAON	D/C	0	775	0.0	4.9	-5	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.5	-1	
						ER-NER	0.0	11.5	-11.5
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	502	0.0	5.3	-5.3	
						NER-NR	0.0	5.3	-5.3
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	34.6	-34.6	
37		V'CHAL B/B	D/C	0	250	0.0	3.7	-3.7	
38		APL -MHG	D/C	0	2408	0.0	47.5	-47.5	
39	765 KV	GWALIOR-AGRA	D/C	0	2738	0.0	44.9	-44.9	
40		PHAGI-GWALIOR	D/C	0	1454	0.0	24.2	-24.2	
41	400 KV	ZERDA-KANKROLI	S/C	364	0	7.3	0.0	7.3	
42		ZERDA -BHINMAL	S/C	355	186	6.3	0.0	6.3	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	277	0	1	-1	
45	220 KV	BADOD-KOTA	S/C	47	40	0.3	0.2	0.1	
46		BADOD-MORAK	S/C	20	86	0.0	0.8	-0.7	
47		MEHGAON-AURAIYA	S/C	40	23	0.5	0.0	0.5	
48		MALANPUR-AURAIYA	S/C	17	17	0.1	0.1	0.0	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						WR-NR	14.5	157.4	-142.9
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.8	-19.8	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	2012	0.0	19.7	-19.7	
53		WARDHA-NIZAMABAD	D/C	0	791	0.0	12.7	-12.7	
54	400 KV	KOLHAPUR-KUDGI	D/C	327	327	4.2	0.7	3.5	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	147	0.0	1.6	-1.6	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	95	0	2.1	0.0	2.1	
						WR-SR	6.2	54.5	-48.2
TRANSNATIONAL EXCHANGE									
58		BHUTAN						15.1	
59		NEPAL						-6.8	
60		BANGLADESH						-14.2	