Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2019 | Day : **Thursday** | Date : **21.03.19**

Probable Maximum Demand : 10700 MW | **Probable Maximum Generation :** 13688 MW

Water Level of Kaptai Lake at 06:00 AM | Yesterday = 88.77 ft | Today = 88.41 ft. | Rule Curve = 90.12 ft.

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.03.19 (Yesterday) Actual Peak Generation (MW)		21.03.19 (Today) Probable Peak Generation (MW)		20.03.19 (Yesterday) Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
							Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
(A)	**Plants in operation:**													
1	a) Ghorasal ST:Unit -1	Gas	(PDB)	1 x 55	55	40	**36**	**36**	**36**	**36**				
	b) Ghorasal ST:Unit -2	Gas	(PDB)	1 x 55	55	45	**38**	**38**	**38**	**38**				
	c) Ghorasal: Unit-3 GT	Gas	(PDB)	1 x 210	210	170	**236**	**237**	**280**	**280**			On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas	(PDB)	1 x 210	210	180	**0**	**0**	**0**	**0**			On Test	
	(e) Ghorasal ST:Unit-5	Gas	(PDB)	1 x 210	210	190	**0**	**0**	**0**	**0**	**190**		Gas Shortage	
2	Ghorasal CCPP:Unit-7	Gas	(PDB)	1x 254+1x 126	365	365	**250**	**280**	**360**	**360**				
3	Ghorashal (Regent)	Gas	(IPP)	34x3.35	108	108	**0**	**0**	**0**	**0**				
4	Ghorasal 78.5MW (Max)	Gas	(QRPP)	2x40	78	78	**40**	**40**	**75**	**78**				
5	Tongi GT	Gas	(PDB)	1 x 105	105	105	**0**	**0**	**0**	**0**	**105**		Gas Shortage	
6	Horipur GT: Unit-1,2	Gas	(PDB)	2 x 32	64	40	**0**	**0**	**0**	**0**	**40**		Gas Shortage	
7	Horipur NEPC (HFO)	HFO	(IPP)	8x15	110	110	**0**	**5**	**110**	**110**				
8	Horipur Power CCPP	Gas	(IPP)	1x235+1x125	360	360	**56**	**30**	**133**	**360**				
9	Meghnaghat CCPP	Gas	(IPP)	2x140+1x170	450	450	**400**	**380**	**450**	**450**				
10	Shiddirganj ST	Gas	(PDB)	1 x 210	210	115	**100**	**0**	**110**	**110**	**115**		Gas Shortage	
11	Horipur 412MW CCPP	Gas	(EGCB)	1x273+1x139	412	412	**378**	**350**	**412**	**412**				
12	Shiddirganj GT:Unit-1&2	Gas	(EGCB)	2 x 105	210	210	**0**	**0**	**0**	**0**	**210**		Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas	(EGCB)	1 x 217	217	217	**0**	**0**	**0**	**0**				
14	Siddirganj (Desh)	HSD	(QRPP)	96x1.2	100	100	**0**	**0**	**100**	**100**				
15	Siddirganj (Dutch Bangla)	HFO	(QRPP)	12x8.9	100	100	**0**	**55**	**100**	**100**				
16	Meghnaghat CCPP (Summit)	HSD/GAS	(IPP)	2x110+1x110	305	305	**316**	**260**	**335**	**335**				
17	Meghnaghat (IEL)	HFO	(QRPP)	12x8.9	100	100	**0**	**70**	**92**	**92**				
18	Madanganj (Summit)	HFO	(QRPP)	6x17	102	100	**0**	**15**	**100**	**100**				
19	Madanganj-55 MW	HFO	(IPP)	5x17.08+1x11.3	55	55	**0**	**15**	**55**	**55**				
20	Keranigonj (Powerpac)	HFO	(QRPP)	8x13.45	100	100	**0**	**10**	**100**	**100**				
21	Gagnagar (Orion)	HFO	(IPP)	12x8.924	102	102	**32**	**50**	**102**	**102**				
22	Narshingdi (Doreen)	Gas	(SIPP, REB)	8x2.90	22	22	**22**	**19**	**22**	**22**				
23	Summit Power,(Madhabdi+Ashulia)	Gas	(SIPP, REB)	6x3.67+7x8.73	80	80	**55**	**56**	**55**	**55**				
24	Summit Power, Maona	Gas	(SIPP, REB)	4x8.73	33	33	**33**	**33**	**33**	**33**				
25	Summit Power, Rupganj	Gas	(SIPP, REB)	4x8.73	33	33	**33**	**33**	**33**	**33**				
26	Gazipur (RPCL)	HFO	(RPCL)	6x8.90	52	52	**51**	**51**	**51**	**51**				
27	Kodda 150MW Power Plant	HFO	(BPDB-RPCL)	9x17.06	149	149	**0**	**82**	**149**	**149**				
28	Kathpotti 52 MW	HFO	(IPP)	7x7.90	51	51	**34**	**30**	**40**	**41**				
29	Kamalaghat Munshiganj (Banco Energy)	HFO	(IPP)	3x18.69	54	54	**35**	**54**	**54**	**54**				
30	Summit Gazipur-2	HFO	(IPP)	18x17.076	300	300	**0**	**75**	**200**	**300**				
31	Summit Kodda 149MW	HFO	(IPP)	8x18.415+1x8.97	149	149	**40**	**100**	**149**	**149**				
32	APR Energy , Keranigonj	HSD	(IPP)	256x1.4	300	300	**0**	**0**	**200**	**300**				
33	Bramhangoan 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	**0**	**0**	**100**	**100**				
34	Aourahati 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	**0**	**0**	**100**	**100**				
35	Southern Power	HFO	(IPP)	3x19.3	55	55	**35**	**55**	**55**	**55**				
36	Northern 55 MW	HFO	(IPP)	3x19.3	55	55	**54**	**55**	**55**	**55**				
37	Bosila 108 MW (CLC)	HFO	(IPP)	12x8.775+1x3.5	108	108	**55**	**61**	**60**	**60**				
	Dhaka Zone Total				**6034**	**5798**	**2329**	**2575**	**4344**	**4775**	**660**	**0**		
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	**116**	**114**	**117**	**117**	**116**		Water Level Low	
39	a) Chattogram ST:Unit -1	Gas	(PDB)	1 x 210	210	180	**120**	**120**	**120**	**120**				
	b) Chattogram ST:Unit -2	Gas	(PDB)	1 x 210	210	180	**0**	**0**	**0**	**0**	**180**		Gas Shortage	
40	Raozan 25 MW (RPCL)	HFO	(RPCL)	3x8.9	25	25	**16**	**16**	**25**	**25**				
41	Teknaf Solartech 20MW	Solar	(IPP)	1x20	20	20	**19.9**	**0**	**20**	**0**				
42	Patenga 50MW (Barakatullah)	HFO	(IPP)	8x6.89	50	50	**0**	**25**	**50**	**50**				
43	Shikalbaha ST	Gas	(PDB)	1 x 60	60	40	**0**	**0**	**0**	**0**	**40**		Gas Shortage	
44	Shikalbaha Peaking GT	Gas	(PDB)	1 x 150	150	150	**140**	**140**	**140**	**140**				
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas	(PDB)	1 x 150+1 x 75	225	225	**203**	**187**	**225**	**225**				
46	Sikalbaha (Energis)	HFO	(RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	**41**	**51**	**51**	**51**				
47	Julda (Acorn)	HFO	(QRPP)	8x13.45	100	100	**10**	**10**	**78**	**78**				
48	Juldah (Acorn) 100 MW Unit-3	HFO	(IPP)	8x13.45	100	100	**100**	**100**	**100**	**100**				
49	Dohazari-Kalaish Peaking	HFO	(PDB)	6x17.0	102	102	**0**	**85**	**85**	**85**				
50	Hathazari Peaking	HFO	(PDB)	11x8.9	98	98	**0**	**66**	**70**	**75**				
51	Barabkunda (Regent)	Gas	(SIPP, PDB)	8x2.90	22	22	**22**	**22**	**22**	**22**				
*	Malancha, Ctg.EPZ (United)	Gas		5x8.73+3x9.34			**2**	**6**	**10**	**20**				
52	Chattogram ECPV 108 MW	HFO	(IPP)	16x7.00	108	108	**49**	**99**	**105**	**105**				
	Chattogram Zone Total				**1761**	**1681**	**838.9**	**1041**	**1218**	**1213**	**336**	**0**		
53	a) Ashuganj ST:Unit-3	Gas	(APSCL)	1 x 150	150	135	**80**	**80**	**100**	**100**				
	b) Ashuganj ST:Unit-4	Gas	(APSCL)	1 x 150	150	129	**80**	**80**	**100**	**100**				
	c) Ashuganj ST:Unit-5	Gas	(APSCL)	1 x 150	150	134	**0**	**0**	**0**	**0**				
54	Ashuganj Engines	Gas	(APSCL)	14x3.968	53	45	**37**	**40**	**40**	**40**				
55	Ashuganj CCPP 225 MW	Gas	(APSCL)	1×142+1*75	221	221	**205**	**226**	**221**	**221**				
56	Ashuganj CCPP(South)	Gas	(APSCL)	1x360	360	360	**320**	**310**	**360**	**360**				
57	Ashuganj CCPP(North)	Gas	(APSCL)	1x361	360	360	**320**	**300**	**360**	**360**				
58	Ashuganj (Precision)	Gas	(RPP)	15*4	55	55	**6**	**6**	**5**	**5**				
59	Ashuganj (United)	Gas	(QRPP)	14x4.00	53	53	**5**	**5**	**5**	**5**				
60	Ashuganj Modular 195 MW	Gas	(IPP)	20*9.73+1*16	195	195	**8**	**8**	**8**	**8**				
61	Ashuganj (Midland)	Gas	(IPP)	6x9.34	51	51	**35**	**35**	**35**	**35**				
62	Ashuganj 150MW Midland	HFO	(IPP)	23x7.015	150	150	**0**	**70**	**150**	**150**				
63	Brahmanbaria (Aggreko)	Gas	(QRPP)	86x1.10	85	85	**0**	**0**	**0**	**0**				
64	Titas (Daudkandi) Peaking	HFO	(PDB)	6x8.92	52	52	**0**	**50**	**0**	**42**				
65	Chandpur CCPP	Gas	(PDB)	1X106+1x57	163	163	**90**	**90**	**90**	**90**				
66	Chandpur 200MW Desh energy	HFO	(IPP)	12x18.415	200	200	**125**	**120**	**200**	**200**				
67	Feni (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	**22**	**22**	**22**	**22**				
68	Feni, Mohipal (Doreen)	Gas	(SIPP, REB)	4x2.90	11	11	**8**	**11**	**11**	**11**				
69	Jangalia (Summit)	Gas	(SIPP, PDB)	4x8.73	33	33	**25**	**17**	**33**	**33**				
70	Jangalia (Lakdanavi)	HFO	(IPP)	6x8.92	52	52	**0**	**34**	**52**	**52**				
71	Summit Power, Cumilla	Gas	(SIPP, REB)	3x3.67+2x6.97	25	25	**18**	**22**	**21**	**21**				
72	Daudkandi 200 MW	HSD	(IPP)	9x1.4+40x1.515+15x1.05	200	200	**0**	**0**	**100**	**200**				
**	Tripura		India		160	160	**120**	**142**	**131**	**169**				
	Cumilla Zone Total				**2951**	**2891**	**1504**	**1668**	**2044**	**2224**	**0**	**0**		
73	RPCL CCPP	Gas	(IPP)	4x35+1x70	210	202	**107**	**100**	**130**	**130**	**102**		Gas Shortage	
74	Tangail (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	**0**	**0**	**0**	**22**				
75	Jamalpur IPP	HFO	(IPP)	12x8.924	95	95	**79**	**79**	**87**	**87**				
76	Jamalpur 115MW (United)	HFO	(IPP)	12x9.87	115	115	**107**	**106**	**106**	**107**				
77	Mymensingh 200MW (United)	HFO	(IPP)	21x9.780	200	200	**0**	**150**	**200**	**200**				
78	Sarishabari Solar Plant	Solar	(IPP)	12x8.924	3	3	**2.3**	**0**	**2**	**0**				
	Mymensing Zone Total				**645**	**637**	**295.3**	**435**	**525**	**546**	**102**	**0**		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.03.19 (Yesterday) Actual Peak Generation (MW)		21.03.19 (Today) Probable Peak Generation (MW)		20.03.19 (Yesterday) Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
											Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
							Day	Evening	Day	Evening				
79	Fenchuganj CCPP-1	Gas	(PDB)	2x32+1x33	97	70	60	60	60	60				
80	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	62	87	62	62				
81	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	48	50	51	51				
82	Fenchuganj (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	47	50	44	44				
83	Kushiara 163 MW CCPP	Gas	(IPP)	1x109+1x54	163	163	163	130	163	163				
84	Hobiganj (Confidence-EP)	Gas	(SIPP, REB)	4x2.90	11	11	8	11	11	11				
85	Shajibazar GT:Unit-8,9	Gas	(PDB)	2x35	70	66	63	53	66	66				
86	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	179	171	170	170				
87	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	83	85	86	86				
88	Shajibazar (Energyprima)	Gas	(RPP)	27x2.0	50	50	45	47	47	47				
89	Sylhet 150MW GT	Gas	(PDB)	1x142	142	142	120	110	120	120				
90	Sylhet 20MW GT	Gas	(PDB)	1 x 20	20	20	19	19	20	20				
91	Sylhet (Enegyprima)	Gas	(RPP)	27x2.0	50	50	45	49	48	48				
92	Sylhet (Desh)	Gas	(RPP)	6x1.95	10	10	10	10	10	10				
93	Shahjahanulla 25MW	Gas	(CIPP, REB)	3x9.34	25	25	17	25	25	25				
94	Summit Bibiana- 2	Gas	(IPP)	1x222+1x119	341	341	300	290	341	341				
	Bibiana- 3	Gas	(PDB)				0	0	0	0			On Test	
	Sylhet Zone Total				1594	1549	1269	1247	1324	1324	0	0		
95	Bheramara GT: Unit-1,2,3	HSD	(PDB)	3 x 20	60	46	0	0	0	46				
96	Bheramara 360 MW CCPP	Gas	(NWPGCL)	1 x 278+1 x 132	410	410	200	200	410	410				
97	Faridpur Peaking	HFO	(PDB)	8x6.98	54	54	0	37	35	35				
98	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	7	62	40	80				
99	Khulna CCPP	HSD	(NWPGCL)	1 x 150+1x75	230	230	0	0	0	0				
100	Khulna (KPCL-2)	HFO	(QRPP)	7x17	115	115	60	115	115	115				
101	Bangla Trac (Noapara)	HSD	(IPP)	70x1.4+7x1.515	100	100	0	50	100	100				
102	Noapara (Khanjahan Ali)	HFO	(QRPP)	5x8.5	40	40	0	40	40	40				
103	Labon Chora 105 MW	HFO	(IPP)	6x18.445	105	105	105	105	105	105				
	Modhumati Power Plant	HFO	(IPP)				32	0	0	0			On Test	
**	Bheramara HVDC Interconnector		India		1000	1000	802	948	810	958				
	Khulna Zone Total				2223	2209	1206	1557	1655	1889	0	0		
104	Barisal GT :Unit -1, 2	HSD	(PDB)	2 x 20	40	30	0	0	0	22				
105	Summit Barisal 110 MW	HFO	(IPP)	7 x 17.076	110	110	32	110	110	110				
106	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	10	28	24	26				
107	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	120	120	120	120				
108	Bhola Agreeko 95 MW	Gas	(QRPP)	1.1x96	95	95	95	96	95	95				
	Barishal Zone Total				472	462	257	354	349	373	0	0		
109	a) Baghabari GT	Gas	(PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari GT	Gas	(PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
110	Baghabari Peaking	HFO	(PDB)	6x8.9	52	52	0	43	0	50				
111	Baghabari 200MW (Paramount)	HSD	(IPP)	135x1.6	200	200	0	0	0	0				
112	Bera Peaking	HFO	(PDB)	9x8.29	71	71	0	48	0	48				
113	Amnura	HFO	(QRPP)	7x7.79	50	50	50	50	50	50				
114	Chapainawabganj-100 MW	HFO	(PDB)	12x8.924	104	104	100	100	100	100				
115	Katakhali Peaking	HFO	(PDB)	6x8.7	50	50	0	39	40	40				
116	Katakhali (Northern)	HFO	(QRPP)	6x8.9	50	50	8	25	50	50				
117	Santahar Peaking	HFO	(PDB)	6x8.7	50	50	0	29	0	30				
118	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	195	185	195	195				
119	Sirajganj CCPP 2	Gas	(NWPGCL)	1x150 + 1x75	220	220	0	0	0	0				
120	Sirajgonj CCPP-3	Gas	(NWPGCL)	1x141+1x79	220	220	196	165	200	200				
121	Sirajgonj Unit-4 GT(Gas)	Gas	(IPP)	1x282	282	282	420	427	430	220				
122	Bogura (GBB)	Gas	(RPP)	6x4.0	22	22	22	22	22	22				
123	Bogura (Engergyprima)	Gas	(RPP)	5x3.3+5x2.0	20	10	17	17	17	17				
124	Ullapara (Summit)	Gas	(SIPP, REB)	4x2.90	11	11	11	11	11	11				
125	Rajlanka 52 MW	HFO	(IPP)	6x8.92	52	52	43	43	52	52				
	Confidence CPBL-2	HFO	(IPP)				0	0	0	0			On Test	
	Rajshahi Zone Total				1835	1825	1062	1204	1167	1085	171	0		
126	a) Barapukuria ST:Unit -1	Coal	(PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	30.03.19
	b) Barapukuria ST:Unit - 2	Coal	(PDB)	1 x 125	125	85	74	75	74	74	10		Coal Shortage	
127	Barapukuria ST:Unit - 3	Coal	(PDB)	1 x 274	274	274	149	149	149	149	125		Coal Shortage	
128	Rangpur GT	HSD	(PDB)	1 x 20	20	20	0	17	17	17				
129	Syedpur GT	HSD	(PDB)	1 x 20	20	20	0	18	19	19				
	Rangpur Zone Total				564	484	223	259	259	259	135	85		
	Sub-total: Plants in operation				18079	17536	8984	10340	12885	13688	1404	85		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8521	9355	12221	12982				
	Gross Total				18079	17536	8984	10340	12885	13688	1404	85		

(B) Actual data of 20.03.19 (Yesterday) Wednesday :

01.	Max. Demand (Generation end)	:	10340.00	MW, at =	19:30 hrs
02.	Max. Demand (Sub-station end)	:	9355.00	MW, at =	19:30 hrs
03.	Highest Generation (Generation end)	:	10340.00	MW, at =	19:30 hrs
04.	Minimum Generation (Generation end)	:	7164.00	MW, at =	5:00 hrs
05.	Day-peak Generation (Generation end)	:	8984.20	MW, at =	12:00 hrs
06.	Evening-peak Generation (Generation end)	:	10340.00	MW, at =	19:30 hrs
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:30 hrs
08.	Actual Minimum Generation up to 8:00 hrs.	:	7215.00	MW	
09.	Generation shortfall at evening peak due to :	:			
	a) Gas limitation	:	1153	MW	
	d) Coal supply Limitation	:	135	MW	
	b) Low water level in Kaptai lake	:	116	MW	
	c) Plants under shut down/ maintenance	:	85	MW	
10.	Total Energy (Generation + India Import)	:	207.84	MKWh	
	By Gas = 140.869 MKWH		By Oil = 36.805 MKWh		
	By Coal = 5.477 MKWH		By Hydro = 2.635 MKWh		
	By Solar= 0.104 MKWH				
11.	Total Gas Supplied	:	1207.70	MMCFD	

12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :

Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
Dhaka	3671	3671	0	Mymensingh	815	815	0
Chattogram	1137	1137	0	Sylhet	355	355	0
Khulna	1136	1136	0	Barishal	164	164	0
Rajshahi	1136	1136	0	Rangpur	164	164	0
Cumilla	777	777	0				
				Total	9355	9355	0

13. Fuel cost : (a) Gas = 95226077 Taka (c) Coal = 25132700 Taka
(b) Oil = 289784609 Taka Total = 120358777 Taka

14. Maximum Temperature in Dhaka was : 33.6° C

15. Export through East-West interconnections :
At evening peak-hour : 130 MW, at 19:30 hrs
Maximum : -80 MW, at 2:00 hrs
Energy : 0.345 MKWh

(C) Forecast of 21.03.19 (Today) Thursday :

01.	Maximum Demand	:	10700	MW	(Generation end)
02.	Maximum Generation	:	13688	MW	(Generation end)
03.	Maximum Shortage	:	-2988	MW	(Generation end)

04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)
05.	Total Generation	:	215.08	MKWh	
06.	Probable Max. Temperature in Dhaka :		35.1° C		

* Captive Power ** Imported Power

#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZZAMAN)
Deputy Secretary, Generation