Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2019 | Day : **Friday** | Date : **08.02.19**

Probable Maximum Demand : 8200 MW | **Probable Maximum Generation :** 11640 MW

Water Level of Kaptai Lake at 06:00 AM | Yesterday = **94.94** ft | Today = **94.79** ft. | Rule Curve = **96.20** ft.

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.02.19 (Yesterday) Actual Peak Generation (MW)		08.02.19 (Today) Probable Peak Generation (MW)		07.02.19 (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	**0**	**0**	**0**	**0**	**40**		Gas Shortage	
	b) Ghorasal ST:Unit -2	Gas	(PDB)	1 x 55	55	45	**35**	**35**	**35**	**35**				
	c) Ghorasal: Unit-3 GT	Gas	(PDB)	1 x 210	210	170	**0**	**0**	**0**	**0**			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	**380**	**300**	**380**	**380**				
3	Ghorashal (Regent)	Gas	(IPP)	34x3.35	108	108	**0**	**0**	**0**	**0**				
4	Ghorasal 78.5MW (Max)	Gas	(QRPP)	2x40	78	78	**0**	**0**	**0**	**0**				
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	**26**	**0**	**95**	**95**				
8	Horipur Power CCPP	Gas	(IPP)	1x235+1x125	360	360	**357**	**328**	**360**	**360**				
9	Meghnaghat CCPP	Gas	(IPP)	2x140+1x170	450	450	**450**	**400**	**450**	**450**				
10	Shiddirganj ST	Gas	(PDB)	1 x 210	210	115	**0**	**0**	**0**	**0**	**115**		Gas Shortage	
11	Horipur 412MW CCPP	Gas	(EGCB)	1x273+1x139	412	412	**290**	**290**	**300**	**300**				
12	Shiddirganj GT:Unit-1&2	Gas	(EGCB)	2 x 105	210	210	**0**	**0**	**105**	**105**	**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	**50**	**50**	**100**	**100**				
16	Meghnaghat CCPP (Summit)	HSD	(IPP)	2x110+1x110	305	305	**0**	**0**	**0**	**0**				
17	Meghnaghat (IEL)	HFO	(QRPP)	12x8.9	100	100	**8**	**100**	**100**	**100**				
18	Madanganj (Summit)	HFO	(QRPP)	6x17	102	100	**48**	**100**	**100**	**100**				
19	Madanganj-55 MW	HFO	(IPP)	5x17.08+1x11.3	55	55	**30**	**48**	**55**	**55**				
20	Keranigonj (Powerpac)	HFO	(QRPP)	8x13.45	100	100	**0**	**10**	**100**	**100**				
21	Gagnagar (Orion)	HFO	(IPP)	12x8.924	102	102	**7**	**102**	**102**	**102**				
22	Narshingdi (Doreen)	Gas	(SIPP, REB)	8x2.90	22	22	**19**	**19**	**22**	**22**				
23	Summit Power,(Madhabdi+Ashulia)	Gas	(SIPP, REB)	6x3.67+7x8.73	80	80	**51**	**58**	**58**	**58**				
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	**25**	**25**	**33**	**33**				
26	Gazipur (RPCL)	HFO	(RPCL)	6x8.90	52	52	**51**	**51**	**52**	**52**				
27	Kodda 150MW Power Plant	HFO	(BPDB-RPCL)	9x17.06	149	149	**0**	**0**	**149**	**149**				
28	Kathpotti 52 MW	HFO	(IPP)	7x7.90	51	51	**47**	**40**	**47**	**47**				
29	Kamalaghat Munshiganj (Banco Energy)	HFO	(IPP)	3x18.69	54	54	**54**	**54**	**54**	**54**				
30	Summit Gazipur-2	HFO	(IPP)	18x17.076	300	300	**0**	**180**	**300**	**300**				
31	Summit Kodda 149MW	HFO	(IPP)	8x18.415+1x8.97	149	149	**15**	**84**	**149**	**149**				
32	APR Energy , Keranigonj	HSD	(IPP)	256x1.4	300	300	**0**	**0**	**300**	**300**				
33	Bramhangoan 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	**0**	**0**	**0**	**100**		.		
34	Aourahati 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	**0**	**0**	**0**	**100**				
35	Southern Power	HFO	(IPP)	3x19.3	55	55	**0**	**55**	**55**	**55**				
36	Northern 55 MW	HFO	(IPP)	3x19.3	55	55	**37**	**37**	**37**	**37**				
37	Bosila 108 MW (CLC)	HFO	(IPP)	12x8.775+1x3.5	108	108	**48**	**48**	**49**	**49**				
	Dhaka Zone Total				**6034**	**5798**	**2061**	**2447**	**3720**	**3920**	**700**	**0**		
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	**30**	**70**	**72**	**72**	**160**		Water Level Low	
39	a) Chattogram ST:Unit -1	Gas	(PDB)	1 x 210	210	180	**0**	**0**	**0**	**0**	**180**		Gas Shortage	
	b) Chattogram ST:Unit -2	Gas	(PDB)	1 x 210	210	180	**0**	**100**	**110**	**110**	**80**		Gas Shortage	
40	Raozan 25 MW (RPCL)	HFO	(RPCL)	3x8.9	25	25	**25**	**25**	**25**	**25**				
41	Teknaf Solartech 20MW	Solar	(IPP)	1x20	20	20	**18**	**0**	**20**	**0**				
42	Patenga 50MW (Barakatullah)	HFO	(IPP)	8x6.89	50	50	**47**	**46**	**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	**0**	**0**	**0**	**0**	**150**		Gas Shortage	
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas	(PDB)	1 x 150+1 x 75	225	225	**0**	**0**	**0**	**0**				
46	Sikalbaha (Energis)	HFO	(RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	**0**	**51**	**51**	**51**				
47	Julda (Acorn)	HFO	(QRPP)	8x13.45	100	100	**68**	**70**	**68**	**68**				
48	Juldah (Acorn) 100 MW Unit-3	HFO	(IPP)	8x13.45	100	100	**74**	**74**	**84**	**84**				
49	Dohazari-Kalaish Peaking	HFO	(PDB)	6x17.0	102	102	**0**	**68**	**68**	**68**				
50	Hathazari Peaking	HFO	(PDB)	11x8.9	98	98	**0**	**56**	**60**	**65**				
51	Barabkunda (Regent)	Gas	(SIPP, PDB)	8x2.90	22	22	**22**	**19**	**22**	**22**				
*	Malancha, Ctg.EPZ (United)	Gas		5x8.73+3x9.34			**2**	**32**	**15**	**25**				
52	Chattogram ECPV 108 MW	HFO	(IPP)	16x7.00	108	108	**93**	**100**	**90**	**106**				
	Chattogram Zone Total				**1761**	**1681**	**379**	**711**	**735**	**746**	**610**	**0**		
53	a) Ashuganj ST:Unit-3	Gas	(APSCL)	1 x 150	150	135	**20**	**80**	**80**	**130**	**55**		Gas Shortage	
	b) Ashuganj ST:Unit-4	Gas	(APSCL)	1 x 150	150	129	**60**	**0**	**0**	**0**				
	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	**5**	**10**	**33**	**33**				
55	Ashuganj CCPP 225 MW	Gas	(APSCL)	1×142+1*75	221	221	**125**	**186**	**221**	**221**				
56	Ashuganj CCPP(South)	Gas	(APSCL)	1x360	360	360	**257**	**264**	**360**	**360**				
57	Ashuganj CCPP(North)	Gas	(APSCL)	1x361	360	360	**280**	**305**	**360**	**360**				
58	Ashuganj (Precision)	Gas	(RPP)	15*4	55	55	**5**	**5**	**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	**21**	**21**	**45**	**45**				
62	Ashuganj 150MW Midland	HFO	(IPP)	23x7.015	150	150	**115**	**133**	**150**	**150**				
63	Brahmanbaria (Aggreko)	Gas	(QRPP)	86x1.10	85	85	**85**	**85**	**85**	**85**				
64	Titas (Daudkandi) Peaking	HFO	(PDB)	6x8.92	52	52	**0**	**0**	**0**	**50**				
65	Chandpur CCPP	Gas	(PDB)	1X106+1x57	163	163	**100**	**100**	**100**	**100**				
66	Chandpur 200MW Desh energy	HFO	(IPP)	12x18.415	200	200	**98**	**85**	**200**	**200**				
67	Feni (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	**19**	**22**	**22**	**22**				
68	Feni, Mohipal (Doreen)	Gas	(SIPP, REB)	4x2.90	11	11	**8**	**8**	**11**	**11**				
69	Jangalia (Summit)	Gas	(SIPP, PDB)	4x8.73	33	33	**25**	**25**	**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	**21**	**21**	**22**	**22**				
72	Daudkandi 200 MW	HSD	(IPP)	9x1.4+40x1.515+15x1.05	200	200	**0**	**0**	**100**	**200**				
**	Tripura		India		160	160	**104**	**124**	**105**	**130**				
	Cumilla Zone Total				**2951**	**2891**	**1361**	**1521**	**1997**	**2222**	**55**	**0**		
73	RPCL CCPP	Gas	(IPP)	4x35+1x70	210	202	**66**	**75**	**85**	**85**	**127**		Gas Shortage	
74	Tangail (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	**22**	**22**	**22**	**22**				
75	Jamalpur IPP	HFO	(IPP)	12x8.924	95	95	**87**	**87**	**87**	**87**				
	United Jamalpur PPL	HFO	(IPP)				**58**	**67**	**57**	**57**			On Test	
76	Mymensingh 200MW (United)	HFO	(IPP)	21x9.780	200	200	**80**	**200**	**100**	**200**				
77	Sarishabari Solar Plant	Solar	(IPP)	12x8.924	3	3	**1.9**	**0**	**2**	**0**				
	Mymensing Zone Total				**530**	**522**	**314.9**	**451**	**353**	**451**	**127**	**0**		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.02.19 (Yesterday) Actual Peak Generation (MW)		08.02.19 (Today) Probable Peak Generation (MW)		07.02.19 (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
78	Fenchuganj CCPP-1	Gas	(PDB)	2x32+1x33	97	70	28	30	30	30				
79	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	49	60	60	60				
80	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	49	53	51	51				
81	Fenchuganj (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	50	49	44	44				
82	Kushiara 163 MW CCPP	Gas	(IPP)	1x109+1x54	163	163	130	130	163	163				
83	Hobiganj (Confidence-EP)	Gas	(SIPP, REB)	4x2.90	11	11	8	11	11	11				
84	Shajibazar GT:Unit-8,9	Gas	(PDB)	2x35	70	66	60	60	66	66				
85	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	244	301	308	280				
86	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	60	84	86	86				
87	Shajibazar (Energyprima)	Gas	(RPP)	27x2.0	50	50	46	46	50	50				
88	Sylhet 150MW GT	Gas	(PDB)	1x142	142	142	85	112	100	130				
89	Sylhet 20MW GT	Gas	(PDB)	1 x 20	20	20	0	19	20	20				
90	Sylhet (Enegyprima)	Gas	(RPP)	27x2.0	50	50	23	23	23	23				
91	Sylhet (Desh)	Gas	(RPP)	6x1.95	10	10	10	10	10	10				
92	Shahjahanulla 25MW	Gas	(CIPP, REB)	3x9.34	25	25	16	16	25	25				
93	Summit Bibiana- 2	Gas	(IPP)	1x222+1x119	341	341	295	305	341	341				
	Bibiana- 3	Gas	(PDB)				180	0	0	0			On Test	
	Sylhet Zone Total				1594	1549	1333	1309	1388	1390	0	0		
94	Bheramara GT: Unit-1,2,3	HSD	(PDB)	3 x 20	60	46	0	0	0	46				
95	Bheramara 360 MW CCPP	Gas	(NWPGCL)	1 x 278+1 x 132	410	410	360	300	410	410				
96	Faridpur Peaking	HFO	(PDB)	8x6.98	54	54	0	44	0	40				
97	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	0	60	0	80				
98	Khulna CCPP	HSD	(NWPGCL)	1 x 150+1x75	230	230	0	0	0	0				
99	Khulna (KPCL-2)	HFO	(QRPP)	7x17	115	115	16	99	115	115				
100	Bangla Trac (Noapara)	HSD	(IPP)	70x1.4+7x1.515	100	100	0	0	100	100				
101	Noapara (Khanjahan Ali)	HFO	(QRPP)	5x8.5	40	40	40	40	40	40				
102	Labon Chora 105 MW	HFO	(IPP)	6x18.445	105	105	90	105	105	105				
**	Bheramara HVDC Interconnector		India		1000	1000	603	702	509	705				
	Khulna Zone Total				2223	2209	1109	1350	1279	1641	0	0		
103	Barisal GT :Unit -1, 2	HSD	(PDB)	2 x 20	40	30	0	0	0	30				
104	Summit Barisal 110 MW	HFO	(IPP)	7 x 17.076	110	110	0	48	100	100				
105	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	18	26	25	26				
106	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	189	187	194	194				
107	Bhola Agreeko 95 MW	Gas	(QRPP)	1.1x96	95	95	96	95	95	95				
	Barishal Zone Total				472	462	303	356	414	445	0	0		
108	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	
109	Baghabari Peaking	HFO	(PDB)	6x8.9	52	52	0	43	0	43				
	Paramount Baghabari	HSD	(IPP)				30	0	0	0				
110	Bera Peaking	HFO	(PDB)	9x8.29	71	71	0	0	0	42				
111	Amnura	HFO	(QRPP)	7x7.79	50	50	40	40	40	40				
112	Chapainawabganj-100 MW	HFO	(PDB)	12x8.924	104	104	50	102	100	100				
113	Katakhali Peaking	HFO	(PDB)	6x8.7	50	50	0	15	40	40				
114	Katakhali (Northern)	HFO	(QRPP)	6x8.9	50	50	43	50	50	50				
115	Santahar Peaking	HFO	(PDB)	6x8.7	50	50	0	31	0	31				
116	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	0	0	0	0				
117	Sirajganj CCPP 2	Gas	(NWPGCL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
118	Sirajgonj CCPP-3	Gas	(NWPGCL)	1x141+1x79	220	220	201	186	200	200				
119	Sirajgonj Unit-4 GT(Gas)	Gas	(IPP)	1x282	282	282	0	0	0	0	282		Gas Shortage	
120	Bogura (GBB)	Gas	(RPP)	6x4.0	22	22	22	22	22	22				
121	Bogura (Engergyprima)	Gas	(RPP)	5x3.3+5x2.0	20	10	16	16	17	17				
122	Ullapara (Summit)	Gas	(SIPP, REB)	4x2.90	11	11	11	11	11	11				
123	Rajlanka 52 MW	HFO	(IPP)	6x8.92	52	52	43	52	43	43				
	Confidence CPBL-2	HFO	(IPP)				0	0	0	0			On Test	
	Rajshahi Zone Total				1635	1625	456	568	523	639	673	0		
124	a) Barapukuria ST:Unit -1	Coal	(PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	20.03.19
	b) Barapukuria ST:Unit - 2	Coal	(PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
125	Barapukuria ST:Unit - 3	Coal	(PDB)	1 x 274	274	274	149	149	150	150	125		Coal Shortage	
126	Rangpur GT	HSD	(PDB)	1 x 20	20	20	0	0	0	17				
127	Syedpur GT	HSD	(PDB)	1 x 20	20	20	17	18	19	19				
	Rangpur Zone Total				564	484	166	167	169	186	210	85		
	Sub-total: Plants in operation				17764	17221	7483	8880	10578	11640	2375	85		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							7104	8430	10042	11050				
	Gross Total				17764	17221	7483	8880	10578	11640	2375	85		

(B)	Actual data of 07.02.19 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	8880.00	MW, at =	19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8430.00	MW, at =	19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	8880.00	MW, at =	19:30 hrs		MW	MW	MW		MW	MW	MW	
04.	Minimum Generation (Generation end)	:	5403.00	MW, at =	5:00 hrs	Dhaka	2948	2948	0	Mymensingh	718	718	0	
05.	Day-peak Generation (Generation end)	:	7482.90	MW, at =	12:00 hrs	Chattogram	898	898	0	Sylhet	331	331	0	
06.	Evening-peak Generation (Generation end)	:	8880.00	MW, at =	19:30 hrs	Khulna	1022	1022	0	Barishal	198	198	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:30 hrs	Rajshahi	958	958	0	Rangpur	615	615	0	
08.	Generation shortfall at evening peak due to :					Cumilla	742	742	0	Total	8430	8430	0	
	a) Gas limitation	:	2005	MW		12.	Fuel cost :	(a) Gas =	81569408	Taka	(c) Coal =	14084754	Taka	
	d) Coal supply Limitation	:	210	MW				(b) Oil =	208925943	Taka	Total =	95654162	Taka	
	b) Low water level in Kaptai lake	:	160	MW										
	c) Plants under shut down/ maintenance	:	85	MW		13	Maximum Temperature in Dhaka was :		29.5° C					
09.	Total Energy (Generation + India Import)	:	170.66	MKWh		14.	Export through East-West interconnections :							
	By Gas = 119.609 MKWH		By Oil =	30.139 MKWh			At evening peak-hour	:	-610	MW, at	19:30 hrs			
	By Coal = 3.649 MKWH		By Hydro =	0.799 MKWh			Maximum	:	-640	MW, at	20:00 hrs			
	By Solar= 0.135 MKWH													
10.	Total Gas Supplied	:	973.87	MMCFD			Energy	:	5.4580	MKWh				

(C)	Forecast of 08.02.19 (Today) Friday :								
01.	Maximum Demand	:	8200	MW	(Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)
02.	Maximum Generation	:	11640	MW	(Generation end)	05.	Total Generation	:	157.59 MKWh
03.	Maximum Shortage	:	-3440	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :		29.5° C

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation