



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month March, 2019		Day : Saturday				Date : 02.03.19											
Probable Maximum Demand :		8800 MW		Probable Maximum Generation :		12760 MW											
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 91.87 ft		Today = 91.72 ft		Rule Curve = 92.84 ft											
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.03.19 (Yesterday)		02.03.19 (Today)		01.03.19 (Yesterday)		Status of Machines under shut-down/ Maintenance						
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for :								
										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								
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	220	332	360	360								
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	12	108	108	108								
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	20	35	35	35								
5	Tongi GT	Gas (PDB)	1 x 105	105	105	40	40	40	40	65		Gas Shortage					
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	10	20	20	20								
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110								
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	0	0	0	0	360		Under Maintenance		25.03.19			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	330	360	450	450								
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	110	110	110	110								
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	320	380	412	412								
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	37	92	100	100	118		Gas Shortage					
13	Shiddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	114	115	115	115								
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100								
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	0	100	100								
16	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0	305		Under Maintenance		07.03.19			
17	Meghnaghat (EL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100								
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100								
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	10	55	55								
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100								
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	0	7	102	102								
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	0	22	22								
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	39	39	58	58								
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	16	16	16	33								
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	30	29	30	30								
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	25	41	41								
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149								
28	Kathpolti 52 MW	HFO (IPP)	7x7.90	51	51	0	0	0	0								
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	35	54	54								
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	0	200	300								
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	149	149								
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	200	300								
33	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100								
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100								
35	Southern Power	HFO (IPP)	3x19.3	55	55	0	0	55	55								
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	0	55	55								
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	24	50	50								
Dhaka Zone Total				6034	5798	1333	1812	3731	4048	223	665						
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	71	74	74	74	156		Water Level Low					
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	80	150	150	150								
	b) Chattogram ST:Unit-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage					
40	Razzan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	20	25	25								
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	20	0	20	0								
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	18	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	110	228	225	225								
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x11.5	51	51	8	26	41	41								
47	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	0	0								
48	Julda (Acorn) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	10	75	75	75								
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	34	0	75								
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	0	72								
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	17	19	19								
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			16	42	21	26								
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	12	106	106								
Chattogram Zone Total				1761	1681	334	696	806	1008	526	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	40	30	40	40								
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	206	191	221	221								
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	320	320								
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	300	300	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	0	0	8	8								
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0								
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	0	150	150								
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	5	82	5	85								
64	Titlas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50								
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	50	100	100	100								
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	0	200	200								
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22								
68	Feni, Mohalpur (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11								
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	25	33	33								
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52								
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	12	22	22								
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.														

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.03.19 (Yesterday)		02.03.19 (Today)		01.03.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
						Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
79	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	35	60	60	60				
80	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	75	75	75	75				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	5	5	5				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	5	5	44				
83	Kushiera 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	100	100	163	163				
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
85	Shajbazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	65	57	66	66				
86	Shajbazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	224	220	220	220				
87	Shajbazar (Shajbazar)	Gas (RPP)	32x2.90	86	86	5	75	85	86				
88	Shajbazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	46	50	50				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	95	115	110	115				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	20	20				
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	6	24	24	24				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	0	25	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	330	310	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	950	1157	1270	1315	0	0		
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
96	Bheramara 360 MW CAPP	Gas (NWPGCL)	1 x 278+1 x 132	410	410	250	300	410	410				
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	0	0	50				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	55	0	70				
99	Khulna CAPP	HSD (NWPGCL)	1 x 150+1x75	230	230	0	0	0	0				
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	0	115	115				
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.44+7x1.515	100	100	0	0	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	0	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	610	762	721	871				
Khulna Zone Total				2223	2209	860	1262	1491	1807	0	0		
104	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
105	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	16	100	100				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	17	26	26	26				
107	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	177	177	194	194				
108	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	11	63	95	95				
Barisal Zone Total				472	462	205	282	415	445	0	0		
109	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	60	65	70	70				
	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	0	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	0	0	45				
113	Amnura	HFO (QRPP)	7x7.79	50	50	0	40	40	40				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	17	100	100				
115	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	32	32				
116	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	8	0	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	37	0	37				
118	Sirajganj CAPP 1	Gas (NWPGCL)	1x150+1x75	210	210	194	177	200	200				
119	Sirajganj CAPP 2	Gas (NWPGCL)	1x150 + 1x75	220	220	207	162	175	200				
120	Sirajganj CAPP-3	Gas (NWPGCL)	1x141+1x79	220	220	160	170	190	200				
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0	282		Gas Shortage	
122	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	5	21	22	22				
123	Bogura (Engeryprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	8	14	17				
124	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
125	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	43	43	43				
	Confidence CPBL-2	HFO (IPP)				0	0	0	0			On Test	
Rajshahi Zone Total				1835	1825	647	751	947	1117	382	0		
126	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	
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	0	0	18				
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	0	18				
Rangpur Zone Total				564	484	149	167	149	185	210	85		
Sub-total: Plants in operation				18079	17536	5493	7459	11300	12760	1341	750		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5160	6744	10617	11988				
Gross Total				18079	17536	5493	7459	11300	12760	1341	750		

(B) Actual data of 01.03.19 (Yesterday) Friday :											
01.	Max. Demand (Generation end)	: 7459.00 MW, at = 19:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 6744.00 MW, at = 19:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	: 7459.00 MW, at = 19:00 hrs		Dhaka	2307	2307	0	Mymensingh	578	578	0
04.	Minimum Generation (Generation end)	: 4939.00 MW, at = 6:00 hrs		Chattogram	814	814	0	Sylhet	284	284	0
05.	Day-peak Generation (Generation end)	: 5492.60 MW, at = 12:00 hrs		Khulna	900	900	0	Barishal	183	183	0
06.	Evening-peak Generation (Generation end)	: 7459.00 MW, at = 19:00 hrs		Rajshahi	900	900	0	Rangpur	183	183	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:00 hrs		Cumilla	595	595	0				
08.	Actual Minimum Generation up to 8:00 hrs.	: 4710.00 MW						Total	6744	6744	0
09.	Generation shortfall at evening peak due to :	:		13.	Fuel cost:	(a) Gas = 81542097 Taka	(c) Coal = 14095562 Taka				
	a) Gas limitation	: 975 MW				(b) Oil = 21700003 Taka	Total = 95637659 Taka				
	d) Coal supply Limitation	: 210 MW		14.	Maximum Temperature in Dhaka was :	27° C					
	b) Low water level in Kaptai lake	: 156 MW		15.	Export through East-West interconnections :	At evening peak-hour : -220 MW, at 19:00 hrs					
	c) Plants under shut down/ maintenance	: 750 MW				Maximum : -220 MW, at 19:00 hrs					
10.	Total Energy (Generation + India Import)	: 140.05 MKWh				Energy : 0.3215 MKWh					
	By Gas = 114.491 MKWH	By Oil = 3.176 MKWh									
	By Coal = 3.652 MKWH	By Hydro = 1.704 MKWh									
	By Solar = 0.159 MKWH										
11.	Total Gas Supplied	: 970.91 MMCFD									

(C) Forecast of 02.03.19 (Today) Saturday :					
01.	Maximum Demand	: 8800 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)
02.	Maximum Generation	: 12760 MW (Generation end)	05.	Total Generation	: 165.23 MKWh
03.	Maximum Shortage	: -3960 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	26.5° C

* Captive Power ** Imported Power
#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30
(MONIRUZZAMAN)
Deputy Secretary, Generation