



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2019		Day : Saturday				Date : 16.03.19						
Probable Maximum Demand :		10000 MW		Probable Maximum Generation :		12919 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 89.82 ft		Today = 89.82 ft		Rule Curve = 90.92 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.03.19 (Yesterday)		16.03.19 (Today)		15.03.19 (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 :			
					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	35	35			
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	0	0	0	0	45	Gas Shortage	
	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	190	190	190	190			
2	Ghorasal CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	340	360	360			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	22	111	108	108			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	68	78	78			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	40	0	40	40	105	Gas Shortage	
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	40	40	40	40			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110			
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	0	0	0	0	360	Under Maintenance	25.03.19
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	340	450	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	90	100	110	110			
11	Horipur 412MW CCGP	Gas (EGCB)	1x273+1x139	412	412	375	352	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	40	94	100	100	116	Gas Shortage	
13	Shiddirganj CCGP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	15	115	115			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
16	Meghnaghat CCGP (Summit)	HSD/GAS (IPP)	2x110+1x110	305	305	130	135	335	335			
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	57	90	90			
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	30	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	40	64	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	41	44	58	58			
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33			
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	33	31	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	50	0	0			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	24	48	48			
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	0	200	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	67	16	149	149			
32	APR Energy , Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	200	300			
33	Bramhangon 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	0	55	55	55			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	54	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	58	60	60			
Dhaka Zone Total				6034	5798	2043	2566	4348	4548	266	360	
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	86	85	90	90	145	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	Razzan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	0	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	18	50	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 CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	221	229	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	32	32	41	41			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	40	88	88			
48	Julda (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	10	102	100	100			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	0	85			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	40	0	80			
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	22	22	22			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			21	18	15	25			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	12	72	105	105			
Chattogram Zone Total				1761	1681	571	886	901	1056	515	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	110	110	110	110			
	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	10	40	40	40			
55	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	207	185	221	221			
56	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	250	320	360	360			
57	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	240	320	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	35	35	35	35			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	50	150	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	0	0	0	0			
64	Titlas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50			
65	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	17	200	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	22	22			
68	Feni, Mohpal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	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	8	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	112	148	114	144			
Cumilla Zone Total				2951	2891	1157	1592	1948	2128	0	0	
73	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	199	201	150	152			
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	22	22			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	88	86	86			
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	107	107	115	115			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	60	120	200	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.6	0	2	0			
Mymensingh Zone Total				645	637	368.6	516	575	575	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.03.19 (Yesterday)		16.03.19 (Today)		15.03.19 (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 CCGP-1	Gas (PDB)	2x32+1x33	97	70	58	59	60	60				
80	Fenchuganj CCGP-2	Gas (PDB)	2x35+1x35	104	90	60	60	47	50				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	13	50	51	51				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	46	44	44				
83	Kushiera 163 MW CCGP	Gas (IPP)	1x109+1x54	163	163	40	109	163	163				
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
85	Shajbazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	61	52	66	66				
86	Shajbazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	90	70	70	70				
87	Shajbazar (Shajbazar)	Gas (RPP)	32x2.90	86	86	10	80	86	86				
88	Shajbazar (Energyprima)	Gas (RPP)	27x2.0	50	50	47	46	48	48				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	102	100	100				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	18	20	20				
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	40	48	45	46				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	23	24	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	320	290	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	811	1075	1187	1191	0	0		
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
96	Bheramara 360 MW CCGP	Gas (NWPGCL)	1 x 278+1 x 132	410	410	320	330	410	410				
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	17	36	0	44				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	27	20	80				
99	Khulna CCGP	HSD (NWPGCL)	1 x 150+1x75	230	230	0	0	0	0				
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	115	115	115	115				
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.44+7x1.515	100	100	80	40	100	100				
102	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	32	40	40				
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	105	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	607	751	613	761				
Khulna Zone Total				2223	2209	1284	1436	1403	1701	0	0		
104	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	22	0	30				
105	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	48	100	100	100				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	13	28	26	28				
107	Bhola CCGP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	150	173	175	175				
108	Bhola Agresko 95 MW	Gas (QRPP)	1.1x96	95	95	95	98	95	95				
Barishal Zone Total				472	462	306	421	396	428	0	0		
109	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	55	60	65	65				
	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	34	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	50	50	50	50				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	100	100	100				
115	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	40	40				
116	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	29	0	30				
118	Sirajganj CCGP 1	Gas (NWPGCL)	1x150+1x75	210	210	180	182	180	180				
119	Sirajganj CCGP 2	Gas (NWPGCL)	1x150 + 1x75	220	220	195	178	180	200				
120	Sirajganj CCGP-3	Gas (NWPGCL)	1x141+1x79	220	220	169	184	195	195				
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	22	22	22	22				
123	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	13	16	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	48	52	52	52				
	Confidence CPBL-2	HFO (IPP)				0	0	0	0			On Test	
Rajshahi Zone Total				1835	1825	743	968	962	1107	382	0		
126	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0			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	17	17	17				
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	19	19				
Rangpur Zone Total				564	484	149	184	185	185	210	85		
Sub-total: Plants in operation				18079	17536	7433	9644	11905	12919	1373	445		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6949	8714	11131	12079				
Gross Total				18079	17536	7433	9644	11905	12919	1373	445		

(B) Actual data of 15.03.19 (Yesterday) Friday :											
01.	Max. Demand (Generation end)	: 9644.00 MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 8714.00 MW, at = 19:30 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	: 9644.00 MW, at = 19:30 hrs		Dhaka	3122	3122	0	Mymensingh	750	750	0
04.	Minimum Generation (Generation end)	: 6951.50 MW, at = 9:00 hrs		Chattogram	939	939	0	Sylhet	368	368	0
05.	Day-peak Generation (Generation end)	: 7432.60 MW, at = 12:00 hrs		Khulna	1091	1091	0	Barishal	241	241	0
06.	Evening-peak Generation (Generation end)	: 9644.00 MW, at = 19:30 hrs		Rajshahi	1091	1091	0	Rangpur	241	241	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:30 hrs		Cumilla	871	871	0				
08.	Actual Minimum Generation up to 8:00 hrs.	: 6936.00 MW						Total	8714	8714	0
09.	Generation shortfall at evening peak due to :			13.	Fuel cost:	(a) Gas = 95027831 Taka	(c) Coal = 14105598 Taka				
	a) Gas limitation	: 1018 MW				(b) Oil = 234020015 Taka	Total = 109133429 Taka				
	d) Coal supply Limitation	: 210 MW		14.	Maximum Temperature in Dhaka was :	33.8° C					
	b) Low water level in Kaptai lake	: 145 MW		15.	Export through East-West interconnections :						
	c) Plants under shut down/ maintenance	: 445 MW			At evening peak-hour	: -200 MW, at 19:30 hrs					
10.	Total Energy (Generation + India Import)	: 188.58 MKWh			Maximum	: -300 MW, at 1:00 hrs					
	By Gas = 134.366 MKWH	By Oil = 30.979 MKWh			Energy	: 1.233 MKWh					
	By Coal = 3.654 MKWH	By Hydro = 1.949 MKWh									
	By Solar = 0.095 MKWH										
11.	Total Gas Supplied	: 1137.85 MMCFD									

(C) Forecast of 16.03.19 (Today) Saturday :					
01.	Maximum Demand	: 10000 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)
02.	Maximum Generation	: 12919 MW (Generation end)	05.	Total Generation	: 195.54 MKWh
03.	Maximum Shortage	: -2919 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	33.5° C