



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month March, 2019		Day : Sunday				Date : 10.03.19						
Probable Maximum Demand :		9300 MW		Probable Maximum Generation :		12957 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 90.90 ft		Today = 90.71 ft		Rule Curve = 91.56 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.03.19 (Yesterday)		10.03.19 (Today)		09.03.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	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	190	190	190	190			
2	Ghorasal CAPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	320	330	360	360			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	42	55	55			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	40	0	40			
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	40	40			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110			
8	Horipur Power CAPP	Gas (IPP)	1x235+1x125	360	360	0	0	0	0	360	Under Maintenance	25.03.19
9	Meghnaghat CAPP	Gas (IPP)	2x140+1x170	450	450	420	450	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	110	110	110	110			
11	Horipur 412MW CAPP	Gas (EGCB)	1x273+1x139	412	412	354	360	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	80	120	100	120	90	Gas Shortage	
13	Shiddirganj CAPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	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 CAPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0	305	Under Maintenance	11.03.19
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	15	15	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	7	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	47	57	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	12	29	29	29			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	25	51	51	51			
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	48	48	48			
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	36	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	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	55	55	55	55			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	55	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	45	50	50			
Dhaka Zone Total				6034	5798	1717	2272	3887	4247	235	665	
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	72	70	72	72	160	Water Level Low	
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	140	140	140	140			
	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	0	40	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 CAPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	201	201	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	24	33	51	51			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	20	70	70			
48	Julda (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	0	101	100	100			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	14	0	68			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	0	75			
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34	2	2	2	26	11	26			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	0	106	106			
Chattogram Zone Total				1761	1681	468	689	889	1027	530	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	70	70	70	70			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	80	80	80	80			
	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	40	40	40			
55	Ashuganj CAPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	224	199	221	221			
56	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	260	280	360	360			
57	Ashuganj CAPP(North)	Gas (APSCL)	1x361	360	360	270	360	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	5	5	45	45			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	15	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 CAPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	52	125	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
68	Feni, Mohal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	33	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	21	22	22	22			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200			
**	Tripura	India		160	160	96	124	101	125			
Cumilla Zone Total				2951	2891	1234	1504	1985	2159	0	0	
73	RPCL CAPP	Gas (IPP)	4x35+1x70	210	202	206	207	210	210			
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	28	88	88	88			
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	0	0	115	115			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	40	100	200			
78	Sanshabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.4	0	2	0			
Mymensingh Zone Total				645	637	265.4	357	635	635	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.03.19 (Yesterday)		10.03.19 (Today)		09.03.19 (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	60	60	60	60				
80	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	0				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	53	51	51				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	50	44	44				
83	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
85	Shajbazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	51	69	66	66				
86	Shajbazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	136	132	220	220				
87	Shajbazar (Shajbazar)	Gas (RPP)	32x2.90	86	86	89	85	86	86				
88	Shajbazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	48	50	50				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	115	86	115	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	7	46	46	46				
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	300	320	341	341				
	Bibiana- 3	Gas (PDB)				40	0	0	0			On Test	
Sylhet Zone Total				1594	1549	984	1177	1308	1308	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	340	420	410	410				
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	44	0	44				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	50	0	80				
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	16	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	24	40	40	40				
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	714	859	721	870				
Khulna Zone Total				2223	2209	1078	1534	1491	1810	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	13	19	26	26				
107	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	174	187	187	187				
108	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	11	96	95	95				
Barisal Zone Total				472	462	198	318	408	438	0	0		
109	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	60	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	16	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	40	50	50	50				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	51	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	30	0	30				
118	Sirajganj CAPP 1	Gas (NWPGCL)	1x150+1x75	210	210	162	182	200	200				
119	Sirajganj CAPP 2	Gas (NWPGCL)	1x150 + 1x75	220	220	148	180	196	196				
120	Sirajganj CAPP-3	Gas (NWPGCL)	1x141+1x79	220	220	187	186	220	220				
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	17	16	17	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	52	52	52	52				
	Confidence CPBL-2	HFO (IPP)				0	0	0	0			On Test	
Rajshahi Zone Total				1835	1825	696	906	1023	1148	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	17	0	17				
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	0	19				
Rangpur Zone Total				564	484	149	184	149	185	210	85		
Sub-total: Plants in operation				18079	17536	6789	8941	11677	12957	1357	750		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6373	8045	10960	12161				
Gross Total				18079	17536	6789	8941	11677	12957	1357	750		

(B) Actual data of 09.03.19 (Yesterday) Saturday :											
01.	Max. Demand (Generation end)	: 8941.00 MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 8045.00 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)	: 8941.00 MW, at = 19:30 hrs		Dhaka	2998	2998	0	Mymensingh	669	669	0
04.	Minimum Generation (Generation end)	: 5087.00 MW, at = 4:00 hrs		Chattogram	895	895	0	Sylhet	332	332	0
05.	Day-peak Generation (Generation end)	: 6789.40 MW, at = 12:00 hrs		Khulna	1016	1016	0	Barisal	201	201	0
06.	Evening-peak Generation (Generation end)	: 8941.00 MW, at = 19:30 hrs		Rajshahi	1016	1016	0	Rangpur	201	201	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:30 hrs		Cumilla	717	717	0				
08.	Actual Minimum Generation up to 8:00 hrs.	: 5614.00 MW						Total	8045	8045	0
09.	Generation shortfall at evening peak due to :			13.	Fuel cost:	(a) Gas = 93596572 Taka	(c) Coal = 14063910 Taka				
	a) Gas limitation	: 987 MW				(b) Oil = 71402765 Taka	Total = 107660482 Taka				
	d) Coal supply Limitation	: 210 MW		14.	Maximum Temperature in Dhaka was :	30.2° C					
	b) Low water level in Kaptai lake	: 160 MW		15.	Export through East-West interconnections :	At evening peak-hour : -250 MW, at 19:30 hrs					
	c) Plants under shut down/ maintenance	: 750 MW				Maximum : -280 MW, at 19:00 hrs					
10.	Total Energy (Generation + India Import)	: 164.92 MKWh				Energy : 1.0665 MKWh					
	By Gas = 131.490 MKWH	By Oil = 9.073 MKWh									
	By Coal = 3.644 MKWH	By Hydro = 1.646 MKWh									
	By Solar = 0.033 MKWH										
11.	Total Gas Supplied	: 1130.32 MMCFD									
(C) Forecast of 10.03.19 (Today) Sunday :											
01.	Maximum Demand	: 9300 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	: 12957 MW (Generation end)	05.	Total Generation	: 171.54 MKWh						
03.	Maximum Shortage	: -3657 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	27.3° C						

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation