



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month March, 2020		Day : Tuesday				Date : 17.03.20							
Probable Maximum Demand :		10500 MW		Probable Maximum Generation :		14707 MW		Rule Curve = 90.44 ft.					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 86.90 ft		Today = 86.66 ft		16.03.20 (Yesterday)		17.03.20 (Today)					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.03.20 (Yesterday)		17.03.20 (Today)		16.03.20 (Yesterday) Gen. shortfall for : Gas/Water/Coal limitation MW	Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	Probable start-up date	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)						
					Day	Evening	Day	Evening					
(A) Plants in operation:													
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	35	35	35	35		50	Unit-1 Under maint.	19/3/2020
	b) Ghorasal Repowered CCGP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under maint.	22/3/2020
	c) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	172	120	200	200				
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under maint.	30/04/2020
2	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	370	365	365				
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	3x3.35	108	108	13	12	13	13	96		Gas Shortage	
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78		Gas Shortage	
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage	
6	Haripur GTPP	Gas (PDB)	2 x 32	64	40	0	0	0	0	40		Gas Shortage	
7	Haripur 360MW CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	308	356	360	360				
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	370	450	450	450				
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		115	Under Overhauling	
10	Haripur 412 MW CCGP	Gas (EGCB)	1x273+1x139	412	412	0	58	360	412				
11	Siddhirgonj 2'120 MW GTPP	Gas (EGCB)	2 x 105	210	210	120	170	0	0	40		Gas Shortage	
12	Siddhirgonj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335		Gas Shortage	
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	91	98	100	100				
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	130	150	150				
15	Meghnaghat 100 MW(LEL)	HFO (QRPP)	12x8.9	100	100	100	100	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	59	95	100	100				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55				
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	102	102	102	102				
20	Narshingi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	22	22	22				
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x3.73	80	80	49	50	58	58				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	17	33	33				
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	52	52				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	0	100	100				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	16	149	149				
27	Katpotti 52 MW PP (Siraha)	HFO (IPP)	7x7.90	51	51	0	18	50	50				
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	53	53	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	290	300	200	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	149	149	149	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	0	300				
32	Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
33	Aurahi 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
34	Nababganj 55 MW PP (Southern pt)	HFO (IPP)	3x19.3	55	55	0	0	55	55				
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	35	35	35				
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	72	72				
Dhaka Zone Total				6047	5811	2483	2844	3552	4204	694	525		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	65	65	70	70	165		Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	100	100	110	110	80		Gas Shortage	
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Under maint.	
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	5.2	0	5	0				
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25				
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	16.9	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	50	50	50	50				
43	Sikalbaha 105 MW PP (Baraka Siku)	HFO (IPP)	6x18.415	105	105	17	17	105	105				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	106	139	145	145				
45	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150-1 x 75	225	225	211	204	225	225				
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	199	215	230	300				
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
48	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	0	10	100	100				
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	102	80	100				
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0				
51	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22				
*	Malancha, Ctg.EPZ (UniteD)	Gas	5x8.73+3x9.34			2	22	10	20				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	12	98	100	100				
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54				
54	Karnaphuli Power Ltd. Juldah unit-2	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110				
Chattogram Zone Total				2226	2166	905.1	1153	1601	1736	245	180		
55	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage	
	b) Ashuganj TPP Unit- 4	Gas (APSCCL)	1 x 150	150	129	80	90	100	100				
	c) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	0	0	0	0	134		Gas Shortage	
56	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	42	46	46	46				
57	Ashuganj 225 MW CCGP	Gas (APSCCL)	1x142+1*75	221	221	198	182	225	225				
58	Ashuganj 450 MW CCGP(South)	Gas (APSCCL)	1x360	360	360	305	260	360	360				
59	Ashuganj 450 MW CCGP(North)	Gas (APSCCL)	1x361	360	360	300	310	360	360				
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	20	20				
61	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20*9.73+1*16	195	195	8	8	16	16				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	43	43				
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	80	150	100	150				
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50				
65	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	91	80	91	91				
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	0	200				
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	19	22	22				
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33				
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	0	50				
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	16	22	22				
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.44+0x1.515+15x1.05	200	200	0	0	0	200				
73	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	0	114				
74	Chowmuhani 113 MW Import (Tripura)	HFO (IPP)	12*9.78+2*3.1	113	113	0	80	113	113				
**		India		160	160	118	140	97	122				
Cumilla Zone Total				3040	2980	1339	1473	1659	2348	269	0		
75	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	143	141	200	200				
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	17	22	22				
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	56	92	95	95				
78	Jamalpur 115 MW PP (UniteD)	HFO (IPP)	12x9.87	115	115	0	8	115	115				
79	Mymensingh 200 MW PP (UniteD)	HFO (IPP)	21x9.780	200	200	163	170	120	200				
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.3	0	1.6	0				
Mymensingh Zone Total			</										

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.03.20 (Yesterday)		17.03.20 (Today)		16.03.20 (Yesterday)		Status of Machines under shut-down/ Maintenance		
					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	
					Day	Evening	Day	Evening					
81	Fenchugonj CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	46	72	86	86				
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	43	43	43	43				
83	Fenchugonj 51 MW PP (Barakattul)	Gas (RPP)	19x2.90	51	51	47	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	41	48	44	44				
85	Kushlaha 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	110	163	163	163				
86	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	58	62	66	66				
88	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	320	298	150	150	32		Gas Shortage	
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	79	79	80	81				
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	234	234	150	150				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	19	19	20	20				
92	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
93	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	9	9	10	10				
94	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	24	24	24				
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	300	341	341				
96	Bibiyana-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0				
Sylhet Zone Total					1944	1899	1353	1415	1239	1240	32	0	
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40				
98	Bheramara 410 MW CCGP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	370	350	410	410				
99	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	35				
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70				
101	Khulna 225 MW CCGP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	225				
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	115	66	115	115				
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	40	0	100				
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
105	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	50	105				
106	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	15	50	105				
**	Bheramara (HVDC)	India		1000	1000	631	922	338	633				
Khulna Zone Total					2328	2314	1116	1433	1033	1878	0	0	
107	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	32	96	70	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	15	23	20	23				
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	186	185	185	185				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	95	98	89	95				
	Payra 1320 MW					0	0	0	0				
Barisal Zone Total					472	462	328	402	364	443	0	0	
112	a) Baghabani 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	71			Gas Shortage	
	b) Baghabani 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	100			Gas Shortage	
113	Baghabani 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50				
114	Baghabani 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
115	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	45				
116	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	64	80	100				
118	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	40				
119	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	40	40				
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	36				
121	Sirajgonj 225MW CCGP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	170	150	210	210				
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	179	145	210	210				
123	Sirajgonj 225MW CCGP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	0	0	0	0	220		Gas Shortage	
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	376	400	410	410				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	18	18	18				
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	12	12	11	11				
127	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11				
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	109	109	113	113				
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	35	0	113				
Rajshahi Zone Total					2193	2183	922	991	1445	1709	391	0	
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	90	88	90	90				
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Shutdown for Low Demand	
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	270	270	280	280				
133	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
134	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	35	113	113	113				
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
136	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	7.7	0	8	0				
Rangpur Zone Total					685	605	403	471	491	517	0	85	
Sub-total: Plants in operation					19580	19057	9230.1	10610	11938	14707	1631	790	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					8776	10088	8776	10088	11350	13983			
(B) Contract expired power plants													
137	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			Contract expired	
Sub-Total: Plants under long term maintenance					50	50	0	0	0	0			
Gross Total					19630	19107	9230.1	10610	11938	14707	1631	790	
(C) Actual data of 16.03.20 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	10610.00	MW,	at = 19:30 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	10088.00	MW,	at = 19:30 hrs P	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	10610.00	MW,	at = 19:30 hrs	Dhaka	3687	3687	0	Mymensingh	821	821	0
04.	Minimum Generation (Generation end)	:	7225.00	MW,	at = 5:00 hrs	Chattogram	1180	1180	0	Sylhet	386	386	0
05.	Day-peak Generation (Generation end)	:	9230.10	MW,	at = 12:00 hrs	Khulna	1178	1178	0	Barishal	262	262	0
06.	Evening-peak Generation (Generation end)	:	10610.00	MW,	at = 19:30 hrs	Rajshahi	1033	1033	0	Rangpur	643	643	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at = 19:30 hrs P	Cumilla	898	898	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	7276.00	MW,	at = 5:00 hrs am								
09.	Generation shortfall at evening peak due to :	:								Total	10088	10088	0
	a) Gas limitation	:	1466	MW		13.	Fuel cost : (a) Gas = 139973142 Taka (c) Coal = 37802193 Taka						
	d) Coal supply Limitation	:	0	MW			(b) Oil = 276781908 Taka Total = 17775335 Taka						
	b) Low water level in Kaptai lake	:	165	MW									
	c) Plants under shut down/ maintenance	:	790	MW		14.	Maximum Temperature in Dhaka was : 32.5° C						
10.	Total Energy (Generation + India Import)	:	207.30	MKWh		15.	Export through East-West interconnections :						
	By Gas = 147.118 MKWH			By Oil = 33.459 MKWH			At evening peak-hour : -60 MW, at 19:30 hrs PM						
	By Coal = 8.079 MKWH			By Hydro = 1.521 MKWH			Maximum : -232 MW, at 1:00 hrs						
	By Solar = 0.234 MKWH						Energy : 0.6605 MKWh						
11.	Total Gas Supplied	:	1199.96	MMCFD									
(D) Forecast of 17.03.20 (Today) Tuesday :													
01.	Maximum Demand	:	10500	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	14707	MW	(Generation end)	05.	Total Generation : 205.15 MKWh						
03.	Maximum Shortage	:	-4207	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 32.9° C						

* Captive Power ** Imported Power

#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(Faouzi Islam Shaker)
Deputy Secretary, Generation