



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2020				Day : Thursday				Date : 26.03.20					
Probable Maximum Demand : 9000 MW				Probable Maximum Generation : 15159 MW									
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 84.60 ft				Today = 84.26 ft					
				Rule Curve = 89.00 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.03.20 (Yesterday)		26.03.20 (Today)		25.03.20 (Yesterday)		26.03.20 (Today)		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	
(A) Plants in operation:													
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	24	24	24	24		61	Unit-1 Under maint.	30/3/2020
	b) Ghorasal Repowered CCGP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under maint.	28/3/2020
	c) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	100	170	160	170				
	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	294	320	365	365				
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	12	13	12	12	95		Gas Shortage	
4	Ghorasal 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	304	324	360	360				
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	380	380	450	450				
9	210 MW Siddhirganj 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	360	338	412	412				
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage	
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335		Gas Shortage	
13	Siddhirganj 100 PP(Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	100	100	100				
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	140	135	150	150				
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	67	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	42	95	100	100				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	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	16	92	102	102				
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	22	22	22	22				
21	Summit Power (Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x8.73	80	80	45	36	58	58				
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	33	33	33				
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	33	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	17	0	100	100				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149				
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	50	50				
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	53	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	45	150	200	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	109	100	149	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300				
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
33	Aurahat 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
34	Nababganj 55 MW PP (Southern pc)	HFO (IPP)	3x19.3	55	55	0	0	55	55				
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	17	35	35				
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	72	72				
Dhaka Zone Total				6047	5811	1976	2502	3552	4162	863	536		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	80	74	80	80	156		Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	100	100	100	100	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	7	4.8	0	5	0				
40	Razzan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25				
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19.3	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	26	50	50	50				
43	Sikalbaha 105 MW PP (Baraka Siku)	HFO (IPP)	6x18.415	105	105	0	0	105	105				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	120	100	145	145				
45	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	210	203	225	225				
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	155	216	230	300				
47	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
48	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	0	100	100	100				
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	85	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 (SIIP, PDB)	8x2.90	22	22	22	22	22	22				
*	Melanicha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			5	12	25	30				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	30	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.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110				
	Juldah unit-2	HFO (IPP)				0	0	100	100				
Chattogram Zone Total				2226	2166	742.1	992	1616	1746	236	180		
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage	
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	120	100	100	100				
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	0	0	0	0	134		Gas Shortage	
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	46	46	46	46				
57	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	215	181	225	225				
58	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	345	260	360	360				
59	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	310	280	360	360				
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5				
61	Ashuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	51	43	43				
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	5	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	0	0	0	0	163		Under CI	
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	0	200				
67	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	22	22	22	22				
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	8	8	11	11				
69	Jangalia 33MW PP (Summit)	Gas (SIIP, 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 (SIIP, REB)	3x3.67+2x6.97	25	25	18	22	22	22				
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+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	HFO (IPP)	12*9.78+2*3.1	113	113	36	113	113	113				
**	Impoort (Tripura)	India		160	160	114	132	120	136				
Cumilla Zone Total				3040	2980	1323	1266	1568	2248	269	163		
75	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	203	206	200	200				
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	22	22	22	22				
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	8	95	95	95				
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	24	115	115				
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	161	147	120	200				
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.3	0	1.6	0				
Mymensingh Zone Total				645	637	396.3	494	553.6	632	0	0		

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.03.20 (Yesterday)		26.03.20 (Today)		25.03.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)		
81	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	42	41	41	41			
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	43	43	43	43			
83	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	45	53	51	51			
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	44	44			
85	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	100	163	163			
86	Hobiganj 11MW PP Confidence-E	Gas (SIIP, 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 CCPP	Gas (PDB)	2x110+2x110	330	330	255	239	250	250	91	Gas Shortage	
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	78	78	80	86			
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	100	150	150	150			
91	Sylhet 20 MW GTTP	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	24	24	24	24			
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	315	300	341	341			
96	Bibiyaana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0			
Sylhet Zone Total					1944	1899	1176	1179	1294	1300	91	0
97	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40			
98	Bheramara 410 MW CCPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	350	330	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 CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	225			
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	99	99	115	115			
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	30	0	100			
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40			
105	Rupsha 105 MW PP (Orton rupsha)	HFO (IPP)	6x18.445	105	105	0	0	90	105			
106	Madhumati 100 MW PP	HFO (NWPGLCL)	6x18.415	105	105	0	0	50	105			
**	Bheramara (HVDC)	India		1000	1000	748	941	559	757			
Khulna Zone Total					2328	2314	1197	1440	1294	2002	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	0	0	70	110			
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	15	23	20	23			
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	177	160	185	185			
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	89	95			
Payra 1320 MW						303	423	300	400			
Barisal Zone Total					472	462	495	606	664	843	0	0
112	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71	Gas Shortage	
113	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Gas Shortage	
114	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50			
115	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200			
116	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	45			
117	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	50	50			
118	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	102	102	80	100			
119	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	42	0	40	40			
120	Katakhali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	40	40			
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	36			
122	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGLCL)	1x150+1x75	210	210	190	160	210	210	50	Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGLCL)	1x150 + 1x75	220	220	0	0	0	0	220	Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGLCL)	1x141+1x79	220	220	68	175	210	210	45	Gas Shortage	
125	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	414	400	410	410			
126	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	17	18	18	18			
127	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.4+5x2.0	20	10	12	12	11	11			
128	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11			
129	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	43	0	52	52			
130	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	109	109	113	113			
131	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	113	113			
Rajshahi Zone Total					2193	2183	1008	987	1558	1709	486	0
132	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	88	90	90	90			
133	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Shutdown for Low Demand	
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	280	270	280	280			
135	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	17			
136	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	113	113	113	113			
137	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	17			
138	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	6.7	0	8	0			
Rangpur Zone Total					685	605	488	473	491	517	0	85
Sub-total: Plants in operation					19580	19057	8801.1	9939	12591	15159	1945	964
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss							8371	9453	11975	14418		
(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			
Gross Total					19630	19107	8801.1	9939	12591	15159	1945	964
(C) Actual data of 25.03.20 (Yesterday) Wednesday :												
01.	Max. Demand (Generation end)	:	9939.00 MW, at = 19:30 hrs P									
02.	Max. Demand (Sub-station end)	:	9453.00 MW, at = 19:30 hrs P									
03.	Highest Generation (Generation end)	:	9939.00 MW, at = 19:30 hrs									
04.	Minimum Generation (Generation end)	:	6845.00 MW, at = 5:00 hrs									
05.	Day-peak Generation (Generation end)	:	8801.10 MW, at = 12:00 hrs									
06.	Evening-peak Generation (Generation end)	:	9939.00 MW, at = 19:30 hrs P									
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:30 hrs P									
08.	Actual Minimum Generation up to 8:00 hrs.	:	6555.00 MW, at = 5:00 hrs am									
09.	Generation shortfall at evening peak due to :	:										
a)	Gas limitation	:	1789 MW									
d)	Coal supply Limitation	:	0 MW									
b)	Low water level in Kapit lake	:	156 MW									
c)	Plants under shut down/ maintenance	:	964 MW									
10.	Total Energy (Generation + India Import)	:	198.71 MKWh									
	By Gas = 137.551 MKWh		By Oil = 21.939 MKWh									
	By Coal = 16.854 MKWh		By Hydro = 1.802 MKWh									
	By Solar= 0.211 MKWh											
11.	Total Gas Supplied	:	1101.43 MMCFD									
12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :											
Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW					
Dhaka	2991	2991	0	Mymensingh	858	858	0					
Chattogram	1088	1088	0	Sylhet	355	355	0					
Khulna	1231	1231	0	Barisal	243	243	0					
Rajshahi	1094	1094	0	Rangpur	686	686	0					
Cumilla	907	907	0									
				Total	9453	9453	0					
13.	Fuel cost :	(a) Gas = 123867839 Taka	(c) Coal = 41012104 Taka									
	(b) Oil = 164665185 Taka	Total = 164879943 Taka										
14.	Maximum Temperature in Dhaka was :	33.3° C										
15.	Export through East-West interconnections :											
	At evening peak-hour	:	0 MW, at 19:30 hrs PM									
	Maximum	:	-95 MW, at 19:00 hrs									
	Energy	:	0.0425 MKWh									
(D) Forecast of 26.03.20 (Today) Thursday :												
01.	Maximum Demand	:	9000 MW (Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)					
02.	Maximum Generation	:	15159 MW (Generation end)	05.	Total Generation	:	179.93 MKWh					
03.	Maximum Shortage	:	-6159 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	35.8° C					

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation