



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month March, 2020					Day : Wednesday					Date : 18.03.20				
Probable Maximum Demand : 11000 MW					Probable Maximum Generation : 15084 MW					Rule Curve = 90.21 ft.				
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 86.66 ft		Today = 86.48 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.03.20 (Yesterday)		18.03.20 (Today)		17.03.20 (Yesterday)		18.03.20 (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	35	35	35	35			50	Unit-1 Under maint.	30/3/2020
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0			170	Under maint.	22/3/2020
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	130	180	160	180					
	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 CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	330	350	365	365					
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	14	15	15	15			93	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 CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	355	258	360	360					
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	370	300	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 CCPP	Gas (EGCB)	1x273+1x139	412	412	354	333	360	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 CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0			335	Gas Shortage	
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	8	98	100	100					
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	130	125	150	150					
15	Meghnaghat 100 MW(IE)	HFO (QRPP)	12x8.9	100	100	1	100	100	100					
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	58	46	100	100					
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	55	55	55					
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	30	100	100					
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	48	102	102	102					
20	Narshingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	22	22	22	22					
21	Summit Power, (Madhabadi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x8.73	80	80	55	49	58	58					
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	33	33	33					
23	Rugganji 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	0	17	100	100					
26	Kodda 150MW PP	HFO (PBDB-RPCL)	9x17.06	149	149	0	0	149	149					
27	Katpotti 52 MW PP (Siraha)	HFO (IPP)	7x7.90	51	51	0	25	50	50					
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	40	53	54	54					
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	180	200	300					
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	30	149	149	149					
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300					
32	Bramhangan 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	0	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	2046	2623	3514	4186	861	525		
37	Karnaphuli Hydro PP Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	65	66	70	70	164			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	4.9	0	5	0					
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25					
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	18.5	0	20	0					
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	17	50	50	50					
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	0	105	105					
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	142	139	145	145					
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	206	204	225	225					
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	140	210	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 (SIIP, PDB)	8x2.90	22	22	22	22	22	22					
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			37	40	10	20					
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	85	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)				101	101	100	100					
Chattogram Zone Total					2226	2166	853.4	1129	1591	1726	244	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	100	100	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	46	46	46	46					
57	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	202	182	225	225					
58	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	315	310	360	360					
59	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	315	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	0	100	100	150					
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50					
65	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	84	81	0	0					
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	21	21	22	22					
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	5	11	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	21	22	22	22					
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.4+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	0	54	113	113					
**	Impoort (Tirupura)	India		160	160	110	134	122	136					
Cumilla Zone Total					3040	2980	1308	1460	1593	2271	269	0		
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	204	213	200	200					
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	20	20	22	22					
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	12	91	95	95					
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	35	115	115					
79	Mymsensingh 200 MW PP (Lited)	HFO (IPP)	21x9.780	200	200	172	170	120	200					
80	Sarishabani 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.4	0	1.6	0					
Mymsensingh Zone Total					645	637	410.4	529	553.6	632	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.03.20 (Yesterday)		18.03.20 (Today)		17.03.20 (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
81	Fenchugonj CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	70	72	86	86				
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	43	43	43	43				
83	Fenchugonj 51 MW PP (Barakatul)	Gas (RPP)	19x2.90	51	51	45	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	51	51	44	44				
85	Kushlari 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	163	110	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	60	64	66	66				
88	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	300	304	320	330	26		Gas Shortage	
89	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	77	60	80	81				
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	234	180	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	320	270	341	341				
96	Bibiyaan-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0				
Sylhet Zone Total				1944	1899	1418	1270	1409	1420	26	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 (NWPGL)	1 x 278+1 x 132	410	410	300	320	410	410				
99	Faridpur 30 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 (NWPGL)	1 x 150+1x75	230	230	0	0	0	225				
102	Khulna 115 PP MW (KPLC-2)	HFO (QRPP)	7x17	115	115	57	115	115	115				
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	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 (NWPGL)	6x18.415	105	105	0	50	50	105				
**	Bheramara (HVDC)	India		1000	1000	335	625	641	935				
Khulna Zone Total				2328	2314	692	1190	1336	2180	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	48	70	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	15	22	20	23				
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	185	160	185	185				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	96	97	89	95				
Payra 1320 MW						0	0	0	0				
Barishal Zone Total				472	462	296	327	364	443	0	0		
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
113	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50				
114	Baghabari 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	102	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 (NWPGL)	1x150+1x75	210	210	170	170	210	210				
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	144	147	210	210				
123	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0	220		Gas Shortage	
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	412	377	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	9	12	11	11				
127	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	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	0	0	113				
Rajshahi Zone Total				2193	2183	920	996	1445	1709	391	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	90	87	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	260	271	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	38	113	113	113				
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
136	Majpara, Tatulia 8 MW Solar PP (Sympa	Solar (IPP)	1 x 8	8	8	7	0	8	0				
Rangpur Zone Total				685	605	395	471	491	517	0	85		
Sub-total: Plants in operation				19580	19057	8338.8	9995	12297	15084	1791	790		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7962	9543	11741	14402				
(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	8338.8	9995	12297	15084	1791	790		
(C) Actual data of 17.03.20 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	9995.00	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)	:	9543.00	MW,	at =	19:30 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply
03.	Highest Generation (Generation end)	:	9995.00	MW,	at =	19:30 hrs		MW	MW	MW		MW	MW
04.	Minimum Generation (Generation end)	:	7276.00	MW,	at =	6:00 hrs	Dhaka	3181	3181	0	Mymensingh	809	809
05.	Day-peak Generation (Generation end)	:	8338.80	MW,	at =	12:00 hrs	Chattogram	1119	1119	0	Sylhet	357	357
06.	Evening-peak Generation (Generation end)	:	9995.00	MW,	at =	19:30 hrs	Khulna	1202	1202	0	Barishal	257	257
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs P	Rajshahi	1071	1071	0	Rangpur	650	650
08.	Actual Minimum Generation up to 8:00 hrs.	:	6999.00	MW,	at =	5:00 hrs am	Cumilla	897	897	0			
09.	Generation shortfall at evening peak due to :	:									Total	9543	9543
	a) Gas limitation	:	1627	MW			13.	Fuel cost :	a) Gas = 143440786	Taka	c) Coal = 40381142	Taka	
	d) Coal supply Limitation	:	0	MW					b) Oil = 194416035	Taka	Total = 183821928	Taka	
	b) Low water level in Kaptai lake	:	164	MW									
	c) Plants under shut down/ maintenance	:	790	MW			14.	Maximum Temperature in Dhaka was :	31.7° C				
10.	Total Energy (Generation + India Import)	:	199.14	MKWh			15.	Export through East-West interconnections :					
	By Gas = 151.777	MKWH	By Oil =	26.881	MKWh			At evening peak-hour	:	-365	MW,	at	19:30 hrs PM
	By Coal = 8.665	MKWH	By Hydro =	1.520	MKWh			Maximum	:	-548	MW,	at	8:00 hrs
	By Solar= 0.229	MKWH						Energy	:	4.5975	MKWh		
11.	Total Gas Supplied	:	1210.94	MMCFD									
(D) Forecast of 18.03.20 (Today) Wednesday :													
01.	Maximum Demand	:	11000	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)	
02.	Maximum Generation	:	15084	MW	(Generation end)		05.	Total Generation	:	219.16	MKWh		
03.	Maximum Shortage	:	-4084	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :	:	33.3° C			

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation