



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month March, 2020					Day : Friday				Date : 20.03.20					
Probable Maximum Demand : 10200 MW					Probable Maximum Generation : 13924 MW									
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 86.24 ft				Today = 86.00 ft					
					Rule Curve = 89.96 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.03.20 (Yesterday)		20.03.20 (Today)		19.03.20 (Yesterday)		20.03.20 (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	37	37	35	35		48	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.	26/3/2020	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	170	200	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	320	321	365	365					
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	12	12	12	12	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 CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	352	353	360	360					
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	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 CCPP	Gas (EGCB)	1x273+1x139	412	412	350	355	412	412					
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage		
12	Siddhirgonj 335 MW CCPP	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	97	98	100	100					
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	140	130	150	150					
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	90	90	100	100					
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	79	94	100	100					
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	30	40	55	55					
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	2	45	100	100					
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	67	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	56	55	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	16	42	52	52					
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	88	88	100	100					
26	Kodda 150MW PP	HFO (PBDB-RPCL)	9x17.06	149	149	0	48	149	149					
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	7	36	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	268	200	300					
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	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	Aunahat 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	35	55	35	35					
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	72	72					
Dhaka Zone Total					6047	5811	2799	3060	3563	4183	864	523		
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	0	0	5	0					
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	3	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	41	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	150	139	145	145					
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	205	204	225	225					
46	Amwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	198	197	230	300					
47	Juldeh 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	10	100	100					
48	Juldeh 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	0	100	100	100					
49	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	100	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			2	12	30	30					
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	72	91	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					
	Juldeh unit-2	HFO (IPP)				102	66	100	100					
Chattogram Zone Total					2226	2166	976.3	1160	1611	1736	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	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	46	46	46	46					
57	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	199	205	225	225					
58	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	305	290	0	0					
59	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	260	305	360	360					
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	54	54					
61	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20*9.73+1*16	195	195	8	8	110	110					
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	87	143	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	0	0	0	0	163		Under CI		
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	24	0	200					
67	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	19	22	22	22					
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11					
69	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	25	33	33	33					
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	14	0	50					
71	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	15	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	17	0	114					
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	45	94	113	113					
**	Impoport (Tripura)	India		160	160	116	136	117	136					
Cumilla Zone Total					3040	2980	1261	1508	1356	2039	269	163		
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	147	160	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	45	87	95	95					
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	41	115	115					
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	170	162	120	200					
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.4	0	1.6	0					
Mymensingh Zone Total					645	637	386.4	472	553.6	632	0	0		

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.03.20 (Yesterday)		20.03.20 (Today)		19.03.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/water/Coal limitation MW		Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening				
81	Fenchugonj CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	42	42	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	48	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	163	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	60	62	66	66			
88	Shajibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	307	300	320	330	30	Gas Shortage	
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	86	81	80	81			
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	0	228	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	10	10	10			
94	Shahjahanulla 25 MW PP	Gas (CIIP, REB)	3x9.34	25	25	16	24	24	24			
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	315	315	341	341			
96	Bibiyan-II 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0			
Sylhet Zone Total					1944	1899	1170	1402	1409	1420	30	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	0	80	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 (NWPGL)	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	18	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	2	15	50	105			
**	Bheramara (HVDC)	India		1000	1000	639	718	0	0			
Khulna Zone Total					2328	2314	740	970	695	1245	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	16	110	70	110			
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	15	21	20	23			
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	184	184	185	185			
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	94	98	89	95			
Payra 1320 MW						0	0	0	0			
Barishal Zone Total					472	462	309	413	364	443	0	0
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	70	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	216	200	200			
115	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	45			
116	Ammura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	50	50			
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	102	102	80	100			
118	Katahal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	40			
119	Katahal 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	214	160	210	210			
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	202	157	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	420	409	410	410			
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	17	18	18	18			
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	12	11	11			
127	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	11	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	90	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	1155	1175	1445	1709	391	0
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	90	90	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	281	280	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	45	63	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	7.1	0	8	0			
Rangpur Zone Total					685	605	423	433	491	517	0	85
Sub-total: Plants in operation					19580	19057	9219.8	10593	11488	13924	1798	951
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							8891	10215	11078	13427		
(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	9219.8	10593	11488	13924	1798	951
(C) Actual data of 19.03.20 (Yesterday) Thursday :												
01.	Max. Demand (Generation end)	:	10593.00	MW,	at =	19:00 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :				
02.	Max. Demand (Sub-station end)	:	10215.00	MW,	at =	19:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand
03.	Highest Generation (Generation end)	:	10593.00	MW,	at =	19:00 hrs		MW	MW	MW		Supply
04.	Minimum Generation (Generation end)	:	7334.00	MW,	at =	5:00 hrs	Dhaka	3702	3702	0	Mymensingh	863
05.	Day-peak Generation (Generation end)	:	9219.80	MW,	at =	12:00 hrs	Chattogram	1145	1145	0	Sylhet	361
06.	Evening-peak Generation (Generation end)	:	10593.00	MW,	at =	19:00 hrs	Khulna	1233	1233	0	Barishal	249
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs P	Rajshahi	1065	1065	0	Rangpur	678
08.	Actual Minimum Generation up to 8:00 hrs.	:	7421.10	MW,	at =	5:00 hrs am	Cumilla	919	919	0		678
09.	Generation shortfall at evening peak due to :	:									Total	10215
	a) Gas limitation	:	1634	MW			13.	Fuel cost :	(a) Gas = 134359678 Taka	(c) Coal = 41272634 Taka		0
	d) Coal supply Limitation	:	0	MW				(b) Oil = 370024845 Taka	Total = 175632312 Taka			
	e) Low water level in Kaptai lake	:	164	MW								
	c) Plants under shut down/ maintenance	:	951	MW			14.	Maximum Temperature in Dhaka was :	32.5° C			
10.	Total Energy (Generation + India Import)	:	212.94	MKWh			15.	Export through East-West interconnections :				
	By Gas = 143.676 MKWH			By Oil = 42.893 MKWH				At evening peak-hour	:	-315	MW,	at 19:00 hrs PM
	By Coal = 8.899 MKWH			By Hydro = 1.585 MKWH				Maximum	:	-341	MW,	at 18:30 hrs
	By Solar= 0.210 MKWH							Energy	:	1.532	MKWh	
11.	Total Gas Supplied	:	1142.92	MMCFD								
(D) Forecast of 20.03.20 (Today) Friday :												
01.	Maximum Demand	:	10200	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)
02.	Maximum Generation	:	13924	MW	(Generation end)		05.	Total Generation	:	205.04	MKWh	
03.	Maximum Shortage	:	-3724	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :		34.1° C		
* Captive Power ** Imported Power												
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00												
(Fazul Islam Shaker) Deputy Secretary, Generation												