



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month March, 2020					Day : Saturday				Date : 21.03.20					
Probable Maximum Demand : 10700 MW					Probable Maximum Generation : 14039 MW					Rule Curve = 89.80 ft.				
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 86.00 ft		Today = 85.76 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.03.20 (Yesterday)		21.03.20 (Today)		20.03.20 (Yesterday)		21.03.20 (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	160	160	160	160					
	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	355	320	365	365					
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	12	32	12	12	76		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	300	360	360					
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	360	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	375	335	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	92	99	100	100					
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	120	150	150					
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	100	100	100					
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	60	61	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	50	100	100					
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	40	68	102	102					
20	Narshingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	16	0	22	22					
21	Summit Power, (Madhabadi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x8.73	80	80	43	56	58	58					
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	25	33	33	33					
23	Rugganji 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	16	16	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	70	88	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	47	50	50					
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	53	54	54					
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	30	300	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	0	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	2250	2745	3563	4163	844	523			
37	Karnaphuli Hydro PP Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	66	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	5	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	17.5	0	20	0					
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	31	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	147	139	145	145					
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	223	203	225	225					
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	105	195	230	300					
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	10	100	100					
48	Juldah 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			28	40	30	30					
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	90	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	744.5	1123	1611	1736	244	180			
55	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	0	80	100	100	55		Gas Shortage		
	b) Ashuganj TPP Unit- 4	Gas (APSCCL)	1 x 150	150	129	140	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	43	46	46	46					
57	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	203	182	225	225					
58	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	0	0	0	0	360		Under minor inspection	26/03/2020	
59	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	360	285	360	360					
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	50	25	54	54					
61	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20*9.73+1*16	195	195	138	138	140	140					
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	35	43	43	43					
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	150	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	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	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	32	0	50					
71	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	19	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	42	0	114					
74	Chowmuhani 113 MW Impport (Tripura)	HFO (IPP)	12*9.78+2*3.1	113	113	0	104	113	113					
**		India		160	160	82	100	117	136					
Cumilla Zone Total				3040	2980	1130	1415	1486	2169	189	523			
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	177	210	200	200					
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	20	22	22	22					
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	95	95	95					
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	65	115	115					
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	168	120	200					
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	1.6	0					
Mymensingh Zone Total				645	637	197	560	553.6	632	0	0			

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					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	Machines shut down (MW)			
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	11	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 Coldence-E	Gas (SIPP, REB)	4x2.90	11	11	2	11	11	11			
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	51	53	66	66			
88	Shajibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	331	297	320	330	33	Gas Shortage	
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	84	81	80	86			
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	233	232	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 (CIPP, REB)	3x9.34	25	25	24	24	24	24			
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	320	280	341	341			
96	Bibiya-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0			
Sylhet Zone Total					1944	1899	1383	1306	1409	1425	33	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	380	340	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	0	99	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	53	50	105			
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	67	50	105			
**	Bheramara (HVDC)	India		1000	1000	0	0	0	0			
Khulna Zone Total					2328	2314	380	639	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	0	110	70	110			
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	13	20	20	23			
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	178	167	185	185			
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	33	95	89	95			
Payra 1320 MW					0	0	0	0	0			
Barishal Zone Total					472	462	224	392	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	0	0	50	50			
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	84	102	80	100			
118	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	27	23	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	20	0	0	36			
121	Sirajgonj 225MW CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	160	180	210	210			
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	208	185	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	400	363	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	11	12	11	11			
127	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	0	11	11			
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	43	43	52	52			
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	109	113	113			
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	35	113	113			
Rajshahi Zone Total					2193	2183	981	1070	1558	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	113	107	113	113			
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	12	0	0	17			
136	Majpara, Tatula 8 MW Solar PP (Sympha)	Solar (IPP)	1 x 8	8	8	6.7	0	8	0			
Rangpur Zone Total					685	605	503	477	491	517	0	85
Sub-total: Plants in operation					19580	19057	7792.2	9727	11731	14039	1701	1311
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					7328	9147	11031	13202				
(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	7792.2	9727	11731	14039	1701	1311
(C) Actual data of 20.03.20 (Yesterday) Friday :												
01.	Max. Demand (Generation end)	:	9727.00	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)	:	9147.00	MW,	at =	19:30 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand
03.	Highest Generation (Generation end)	:	9727.00	MW,	at =	19:30 hrs		MW	MW	MW		Supply
04.	Minimum Generation (Generation end)	:	7223.30	MW,	at =	9:00 hrs	Dhaka	3061	3061	0	Mymensingh	788
05.	Day-peak Generation (Generation end)	:	7792.20	MW,	at =	12:00 hrs	Chattogram	1071	1071	0	Sylhet	348
06.	Evening-peak Generation (Generation end)	:	9727.00	MW,	at =	19:30 hrs P	Khulna	1168	1168	0	Barishal	243
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs P	Rajshahi	978	978	0	Rangpur	645
08.	Actual Minimum Generation up to 8:00 hrs.	:	6960.00	MW,	at =	5:00 hrs am	Cumilla	845	845	0		
09.	Generation shortfall at evening peak due to :	:									Total	9147
	a) Gas limitation	:	1537	MW			13.	Fuel cost :	(a) Gas = 139548925 Taka	(c) Coal = 41214051 Taka		
	d) Coal supply Limitation	:	0	MW				(b) Oil = 266515728 Taka	Total = 180762976 Taka			
	e) Low water level in Kaptai lake	:	164	MW								
	c) Plants under shut down/ maintenance	:	1311	MW			14.	Maximum Temperature in Dhaka was :	33.4° C			
10.	Total Energy (Generation + India Import)	:	193.84	MKWh			15.	Export through East-West interconnections :				
	By Gas = 147.427 MKWh			By Oil = 31.364 MKWh				At evening peak-hour	: -666 MW,	at	19:30 hrs PM	
	By Coal = 8.896 MKWh			By Hydro = 1.502 MKWh				Maximum	: -733 MW,	at	19:00 hrs	
	By Solar= 0.192 MKWh							Energy	: 4.7375 MKWh			
11.	Total Gas Supplied	:	1177.22	MMCFD								
(D) Forecast of 21.03.20 (Today) Saturday :												
01.	Maximum Demand	:	10700	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)
02.	Maximum Generation	:	14039	MW	(Generation end)		05.	Total Generation	:	213.23	MKWh	
03.	Maximum Shortage	:	-3339	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :		34.8° C		

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation