



**Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation
Tel: 9584667, 9551095

Month March, 2020			Day : Monday				Date : 09.03.20																
Probable Maximum Demand :			9800 MW				Probable Maximum Generation :				14766 MW												
Water Level of Kaptai Lake at 06:00 AM												Yesterday = 88.51 ft				Today = 88.27 ft				Rule Curve = 91.72 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.03.20 (Yesterday)		09.03.20 (Today)		08.03.20 (Yesterday)		09.03.20 (Today)		Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	Description/ Remarks	Probable start-up date						
					Actual Peak Generation (MW)	Evening	Probable Peak Generation (MW)	Evening	Actual Peak Generation (MW)	Evening	Probable Peak Generation (MW)	Evening											
(A) Plants in operation:																							
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	37	37	37	37														
	b) Ghorasal Repowered CAPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0														
	c) Ghorasal Repowered CAPP Unit-4	Gas (PDB)	1 x 210	210	180	150	200	200	200														
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0														
2	Ghorasal 365 MW CAPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	355	275	325	365														
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0			108					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 CAPP(HPL)	Gas (IPP)	1x235+1x125	360	360	358	337	360	360														
8	Meghnaghat 450 MW CAPP(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 CAPP	Gas (EGCB)	1x273+1x139	412	412	350	337	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 CAPP	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	40	100	100	100														
14	Meghnaghat CAPP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	130	150	150														
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	24	100	100	100														
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	64	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	10	100	100														
19	Gagnagar 102 MW PP (Digital Pow	HFO (IPP)	12x8.924	102	102	40	102	100	102														
20	Narsingdi 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+7x8.73	80	80	57	56	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	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	0	100	100														
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149														
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	6	50	50														
28	Kamalaghat 54 MW PP (Barco 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	0	0	200	300														
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	50	149	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	Nabaganj 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	35	55	55														
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	70	70														
Dhaka Zone Total				6047	5811	2150	2584	3569	4211	876	523												
37	Karnaphuli Hydro PP Unit-1, 2,3, 4	Hydro (PDB)	2x40, 3x50	230	230	67	66	70	70			164					Low Water Level						
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	110	110	110	110			70					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	2.9	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	12	0	20	0														
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	1	26	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	127	134	145	145														
45	Sikalbaha 225 MW CAPP	Gas (PDB)	1 x 150+1 x 75	225	225	47	202	225	225														
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	213	197	230	300														
47	Juldah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100														
48	Juldah 100 MW PP Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	0	0	100	100														
49	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	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	16	19	20	22														
*	Malancha, Ctg.EP2 (United)	Gas	5x8.73+3x9.34			2	16	10	20														
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	101	100	100														
53	Sikalbaha 54 MW Power Plant(Jodioc 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														
Chattogram Zone Total				2226	2166	597.9	971	1499	1636	234	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	140	140	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	42	46	36	42														
57	Ashuganj 225 MW CAPP	Gas (APSCL)	1x142+1'75	221	221	220	182	225	225														
58	Ashuganj 450 MW CAPP(South)	Gas (APSCL)	1x360	360	360	0	0	360	360														
59	Ashuganj 450 MW CAPP(North)	Gas (APSCL)	1x361	360	360	360	325	360	360														
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	10	10	10	10														
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20'9.73+1'116	195	195	55	92	8	8														
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	51	51														
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	10	100	150														
64	Titlas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50														
65	Chandpur 150 MW CAPP	Gas (PDB)	1X106+1x57	163	163	96	91	90	94														
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	19	22	22	22														
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	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	18	22	22	22														

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.03.20 (Yesterday)		09.03.20 (Today)		08.03.20 (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	89	85	87	87			
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30			
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	53	53	51	51			
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	51	51	44	44			
85	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	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	45	53	66	66			
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	116	119	120	120	211		Gas Shortage
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	81	81	80	81			
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	237	227	220	220			
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	10	10	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	310	300	341	341			
96	Bibiya-II 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	234	233	235	235			
Sylhet Zone Total				1944	1899	1473	1459	1502	1503	211	0	
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40			
98	Bheramara 410 MW CCPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	385	345	330	330			
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 (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	225			
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	32	115	115	115			
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	0	100			
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	24	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	0	50	105			
**	Bheramara (HVDC)	India		1000	1000	652	890	649	943			
Khulna Zone Total				2328	2314	1069	1374	1264	2108	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	32	70	110			
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	14	21	18	21			
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	155	155	65	65			
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	41	94	89	95			
Barisal Zone Total				472	462	210	302	242	321	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	24	50	50	50			
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	43	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 CCPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	214	190	210	210			
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	0	0	0	220			Gas Shortage
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	0	0	0	220			Gas Shortage
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	417	418	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	8	9	11	11			
127	Ullapara 11 MW PP (Summit)	Gas (SIPP, 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	50	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	742	848	1235	1499	611	0	
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	90	114	90	90			
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	85			Shutdown for Low Demand
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	280	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	0	108	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	7.8	0	8	0			
Rangpur Zone Total				685	605	378	502	491	517	0	85	
Sub-total: Plants in operation				19580	19057	8004.9	9578	11975	14766	2240	788	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7539	8805	11277	13906			
(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	8004.9	9578	11975	14766	2240	788	
(C) Actual data of 08.03.20 (Yesterday) Sunday :												
01.	Max. Demand (Generation end)	: 9578.00 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)	: 8805.00 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)	: 9578.00 MW, at = 19:30 hrs	Dhaka	3363	3363	0	Mymensingh	679	679	0		
04.	Minimum Generation (Generation end)	: 6094.00 MW, at = 5:00 hrs	Chattogram	913	913	0	Sylhet	320	320	0		
05.	Day-peak Generation (Generation end)	: 8004.90 MW, at = 12:00 hrs	Khulna	1118	1118	0	Barishal	255	255	0		
06.	Evening-peak Generation (Generation end)	: 9578.00 MW, at = 19:30 hrs	Rajshahi	1118	1118	0	Rangpur	255	255	0		
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:30 hrs P	Cumilla	784	784	0						
08.	Actual Minimum Generation up to 8:00 hrs.	: 6272.00 MW, at = 5:00 hrs am										
09.	Generation shortfall at evening peak due to :						Total	8805	8805	0		
a)	Gas limitation	: 2076 MW	13.	Fuel cost :	(a) Gas = 131265194 Taka	(c) Coal = 41622377 Taka						
d)	Coal supply Limitation	: 0 MW			(b) Oil = 128846174 Taka	Total = 172887571 Taka						
b)	Low water level in Kaptai lake	: 164 MW										
c)	Plants under shut down/ maintenance	: 788 MW	14.	Maximum Temperature in Dhaka was :	30.5° C							
10.	Total Energy (Generation + India Import)	: 185.08 MCKWh	15.	Export through East-West interconnections :								
	By Gas = 140.629 MKWH	By Oil = 17.457 MKWH		At evening peak-hour	: -144 MW, at 19:30 hrs PM							
	By Coal = 8.918 MKWH	By Hydro = 1.525 MKWH		Maximum	: -282 MW, at 1:00 hrs							
	By Solar = 0.191 MKWH			Energy	: 1.216 MCKWh							
11.	Total Gas Supplied	: 1150.02 MCMCFD										
(D) Forecast of 09.03.20 (Today) Monday :												
01.	Maximum Demand	: 9800 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	: 14766 MW (Generation end)	05.	Total Generation	: 189.37 MCKWh							
03.	Maximum Shortage	: -4966 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	31.0° C							

* Captive Power ** Imported Power

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

(Faouel Islam Shaker)
Deputy Secretary, Generation