



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month March, 2020		Day : Tuesday				Date : 10.03.20									
Probable Maximum Demand :		9800 MW		Yesterday = 88.27 ft		Probable Maximum Generation : 14455 MW									
Water Level of Kaptai Lake at 06:00 AM		Today = 88.09 ft				Rule Curve = 91.56 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.03.20 (Yesterday)		10.03.20 (Today)		Probable Peak Generation (MW)	Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	Probable start-up date		
					Day	Evening	Day	Evening							
(A) Plants in operation:															
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	37	37	37	37			48	Unit 2 under maint.	11/3/2020	
	b) Ghorasal Repowered CCP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0			170	Under maint.	22/3/2020	
	c) Ghorasal Repowered CCP Unit-4	Gas (PDB)	1 x 210	210	180	230	100	100	150						
	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 CCP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	320	275	275	275						
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 CCP(HPL)	Gas (IPP)	1x235+1x125	360	360	355	362	360	360						
8	Meghnaghat 450 MW CCP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	370	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 CCP	Gas (EGCB)	1x273+1x139	412	412	367	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 CCP	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	16	100	100	100						
14	Meghnaghat CCP(Summit)	GAS (IPP)	2x110+1x110	305	305	140	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	48	64	100	100						
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	15	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	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	54	56	58	58						
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	0	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	0	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	110	200	300						
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	16	137	149	149						
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300						
32	Branhangoan 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	17	55	55						
36	Bosilia 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	52	70	70						
Dhaka Zone Total				6047	5811	2085	2493	3419	4071		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	5.2	0	5	0						
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25						
41	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	19.8	0	20	0						
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	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	100	105	145	145						
45	Sikalbaha 225 MW CCP	Gas (PDB)	1 x 150+1 x 75	225	225	204	203	225	225						
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	45	214	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	100	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	19	19	20	22						
**	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			2	13	10	15						
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	50	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	572	930	1499	1631		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	100	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	42	42	36	42						
57	Ashuganj 225 MW CCP	Gas (APSCL)	1x142+1'75	221	221	202	182	225	225						
58	Ashuganj 450 MW CCP(South)	Gas (APSCL)	1x360	360	360	330	265	360	360						
59	Ashuganj 450 MW CCP(North)	Gas (APSCL)	1x361	360	360	335	315	360	360						
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	10	50	10	10						
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20'9.73+11'16	195	195	8	8	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	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50						
65	Chandpur 150 MW CCP	Gas (PDB)	1X106+1x57	163	163	95	89	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	21	22	22						
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11						
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	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	21	19	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	0	0	113	113						
**	Impport (Tripura)	India		160	160	90	124	96	122						
Cumilla Zone Total				3040	2980	1306	1312	1637	2337		269	0			
75	RPCL 210MW CCP	Gas (IPP)	4x35+1x70	210	202	82	126	150	150		76		Gas Shortage		
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22						
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	32	95	95	95						
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	115	115	115				</		

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.03.20 (Yesterday)		10.03.20 (Today)		09.03.20 (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 CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	87	86	87	87				
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30				
83	Fenchugonj 51 MW PP (Barakattul)	Gas (RPP)	19x2.90	51	51	50	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	51	51	44	44				
85	Kushihara 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	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	63	66	66				
88	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	117	273	147	150	57		Gas Shortage	
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	81	81	80	81				
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	234	120	0	0				
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	15	24	24				
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	325	290	341	341				
96	Bibiya-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	234	234	235	235				
Sylhet Zone Total					1944	1899	1463	1466	1309	1313	57	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	330	330				
99	Fairdip 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	35				
100	Gopalgarj 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	10	115	115	115				
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	0	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	32	50	105				
**	Bheramara (HVDC)	India		1000	1000	642	932	660	954				
Khulna Zone Total					2328	2314	952	1439	1275	2119	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	80	70	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	12	18	18	21				
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	65	55	130	130				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	91	97	89	95				
Barisal Zone Total					472	462	168	250	307	386	0	0	
112	a) Baghabani 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabani 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	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	40	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 CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	170	180	210	210				
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	220			Gas Shortage	
123	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	220			Gas Shortage	
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	421	340	410	410				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	22	18	18				
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	12	12	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	722	767	1235	1499	611	0	
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	87	88	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	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	37	113	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	3.2	0	8	0				
Rangpur Zone Total					685	605	407	481	491	517	0	85	
Sub-total: Plants in operation					19580	19057	7925.8	9589	11656	14455	2123	788	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							7566	8901	11127	13799			
(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	7925.8	9589	11656	14455	2123	788	
(C) Actual data of 09.03.20 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	9589.00	MW,	at =	19:30 hrs P							
02.	Max. Demand (Sub-station end)	:	8901.00	MW,	at =	19:30 hrs P							
03.	Highest Generation (Generation end)	:	9589.00	MW,	at =	19:30 hrs							
04.	Minimum Generation (Generation end)	:	6272.00	MW,	at =	5:00 hrs	Dhaka	3375	3375	0	Mymensingh	748	
05.	Day-peak Generation (Generation end)	:	7925.80	MW,	at =	12:00 hrs	Chattogram	969	969	0	Sylhet	333	
06.	Evening-peak Generation (Generation end)	:	9589.00	MW,	at =	19:30 hrs	Khulna	1103	1103	0	Barishal	239	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs P	Rajshahi	1103	1103	0	Rangpur	239	
08.	Actual Minimum Generation up to 8:00 hrs.	:	6266.00	MW,	at =	5:00 hrs am	Cumilla	792	792	0		0	
09.	Generation shortfall at evening peak due to :	:											
a)	Gas limitation	:	1959	MW									
d)	Coal supply Limitation	:	0	MW									
b)	Low water level in Kaptai lake	:	164	MW									
c)	Plants under shut down/ maintenance	:	788	MW									
10.	Total Energy (Generation + India Import)	:	185.92	MKWh									
	By Gas =	142.860	MKWh										
	By Coal =	8.695	MKWh										
	By Solar =	0.227	MKWh										
11.	Total Gas Supplied	:	1146.22	MMCFD									
12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :												
13.	Fuel cost :												
	(a) Gas =	133731392	Taka										
	(c) Coal =	40435157	Taka										
	(b) Oil =	118109185	Taka										
	Total =	174166549	Taka										
14.	Maximum Temperature in Dhaka was :												
15.	Export through East-West interconnections :												
	At evening peak-hour	:	-205	MW,	at	19:30 hrs PM							
	Maximum	:	-306	MW,	at	6:00 hrs							
	Energy	:	2.1505	MKWh									
16.	Probable Max. Temperature in Dhaka :												
(D) Forecast of 10.03.20 (Today) Tuesday :													
01.	Maximum Demand	:	9800	MW		(Generation end)							
02.	Maximum Generation	:	14455	MW		(Generation end)							
03.	Maximum Shortage	:	-4655	MW		(Generation end)							
04.	Maximum Load-shed	:	0	MW		At evening peak (Sub-station end)							
05.	Total Generation	:	190.01	MKWh									
06.	Probable Max. Temperature in Dhaka :												

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation