



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2020				Day : Saturday				Date : 02.05.20			
Probable Maximum Demand : 8800 MW				Probable Maximum Generation : 14809 MW							
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 78.84 ft				Today = 78.82 ft			
				Rule Curve = 81.80 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.05.20 (Yesterday)		02.05.20 (Today)		01.05.20 (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)	
(A) Plants in operation:											
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	24	24	24	24	61	Unit-1 Under maint.
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Under maint.
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under maint.
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Under maint.
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	210	280	280	280		
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	12	102	108	108		
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	240	357	310	360		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	280	320	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	347	353	412	412		
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	79	153	100	160	57	Gas Shortage
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0		
13	Siddhirganj 100 PP(Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	0	100	100		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	130	135	150	150		
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	12	30	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	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	0	0	102	102		
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	19	19	22	22		
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x8.73	80	80	34	45	45	49		
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	24	24	33	33		
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	25	24	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	Katpott 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	0	0	54	54		
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	100	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	Bramhanganj 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	Nababganj 55 MW PP (Southern pc	HFO (IPP)	3x19.3	55	55	0	17	55	55		
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	0	35	35		
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0		
Dhaka Zone Total				6047	5811	1436	1883	3268	4082	280	716
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	36	35	40	40	195	Low Water Level
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	100	100	100	100		
	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	7	3.2	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	11.4	0	20	0		
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	50	50		
43	Sikalbaha 105 MW PP (Baraka Siku	HFO (IPP)	6x18.415	105	105	0	0	105	105		
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150	Under maint.
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	184	224	225	225		
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	0	33	230	300		
47	Julda 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100		
48	Julda 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	0	0	100	100		
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	100	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	21	22	22	22		
*	Melancho, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			20	38	15	40		
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	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		
	Julda unit-2	HFO (IPP)				0	100	100	100		
Chattogram Zone Total				2226	2166	375.6	603	1441	1571	195	330
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	80	100	100		
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	0	0	0	0	129	Gas Shortage
	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	10	42	40	42		
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	171	199	225	225		
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	280	290	360	360		
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	290	320	360	360		
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	10	49	10	20		
61	Ashuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8		
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	7	51	51	51		
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	0	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 maint.
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	0	21	22	22		
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	0	11	11	11		
69	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	8	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	13	20	20	20		
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	114	114		
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	0	84	113	113		
**	Impoport (Tripura)	India		160	160	86	122	116	141		
Cumilla Zone Total				3040	2980	963	1330	1683	2270	263	163
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	199	202	210	210		
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	0	20	20	20		
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	0	95	95		
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	37	115	115		
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	24	166	170	170		
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1	0	1.6	0		
Mymensingh Zone Total				645	637	224	425	611.6	610	0	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.05.20 (Yesterday)		02.05.20 (Today)		01.05.20 (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	73	70	73				
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	32	32		58	Under maint.	
83	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	14	50	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	51	44				
85	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	100	110	163				
86	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	0	11	11				
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	61	66				
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	171	190	220	140		Gas Shortage	
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	10	50	81				
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	80	150	150				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	18	20				
92	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0				
93	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10				
94	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	24	24				
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	305	341				
96	Bibiya-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0		400	Under maint.	
Sylhet Zone Total			1944	1899	828	1135	1283	1286	140	458		
97	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0				
98	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	250	360	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 CCPP	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	49	115		115		
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	50		100		
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40		40		
105	Rupsha 105 MW PP (Orton rupsha)	HFO (IPP)	6x18.445	105	105	0	0	90		105		
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	50		105		
**	Bheramara (HVDC)	India		1000	1000	348	734	295		839		
Khulna Zone Total			2328	2314	598	1143	1080	2084	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	0	50		110		
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	13	30	30		30		
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	50	60	60		60		
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	32	97	89		95		
Barisal Zone Total			472	462	396	489	529	725	0	0		
112	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	50	60	60		11	Gas Shortage	
113	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	50	70	50		30	Gas Shortage	
114	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0		50		
115	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200		200		
116	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0		45		
117	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	50		50		
118	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	80		100		
119	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40		46		
120	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	42		42		
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0		35		
122	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	140	155	210		55	Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0		220	Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	140	160	210		60	Gas Shortage	
125	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	266	417	410		410		
126	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	5	17	17		17		
127	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	6	8	11		11		
128	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	2	11	11		11		
129	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	40		43		
130	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	0	113		113		
131	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	113		113		
Rajshahi Zone Total			2193	2183	659	898	1657	1836	376	0		
132	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0		85	Coal Shortage	
133	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0		85	Coal Shortage	
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	200		200		
135	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0		17		
136	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	0	113		113		
137	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0		15		
138	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	7.2	0	8		0		
Rangpur Zone Total			685	605	157	150	321	345	170	0		
Sub-total: Plants in operation			19580	19057	5636.8	8056	11874	14809	1424	1667		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss					5358	7657	11286	14076				
(B) Contract expired power plants												
139	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0			Contract expired	
Sub-Total: Plants under long term maintenance			50	50	0	0	0	0				
Gross Total			19630	19107	5636.8	8056	11874	14809	1424	1667		
(C) Actual data of 01.05.20 (Yesterday) Friday :												
01.	Max. Demand (Generation end)	:	8056.00	MW, at = 21:00 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	7657.00	MW, at = 21:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8056.00	MW, at = 21:00 hrs	Dhaka	2354	2354	0	Mymensingh	782	782	0
04.	Minimum Generation (Generation end)	:	5029.70	MW, at = 7:00 hrs	Chattogram	763	763	0	Sylhet	411	411	0
05.	Day-peak Generation (Generation end)	:	5636.80	MW, at = 12:00 hrs	Khulna	974	974	0	Barisal	258	258	0
06.	Evening-peak Generation (Generation end)	:	8056.00	MW, at = 21:00 hrs P	Rajshahi	833	833	0	Rangpur	365	365	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs P	Cumilla	917	917	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	5286.50	MW, at = 5:00 hrs am					Total	7657	7657	0
09.	Generation shortfall at evening peak due to :	:			13.	Fuel cost :	(a) Gas = 145068055 Taka (b) Oil = 30095429 Taka	(c) Coal = 51484199 Taka Total = 226647683 Taka				
a)	Gas limitation	:	1059	MW	14.	Maximum Temperature in Dhaka was : 28.8° C						
d)	Coal supply Limitation	:	170	MW	15.	Export through East-West interconnections :						
b)	Low water level in Kaptai lake	:	195	MW		At evening peak-hour	:	70	MW, at	21:00 hrs PM		
c)	Plants under shut down/ maintenance	:	1667	MW		Maximum	:	-333	MW, at	3:00 hrs		
10.	Total Energy (Generation + India Import)	:	156.08	MKWh		Energy	:	0.774	MKWh			
	By Gas = 125.820 MKWh			By Oil = 7.026 MKWh								
	By Coal = 10.865 MKWh			By Hydro = 0.813 MKWh								
	By Solar= 0.220 MKWh											
11.	Total Gas Supplied	:	1026.61	MMCFD								
(D) Forecast of 02.05.20 (Today) Saturday :												
01.	Maximum Demand	:	8800	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	14809	MW (Generation end)	05.	Total Generation : 170.49 MKWh						
03.	Maximum Shortage	:	-6009	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 32.8° C						

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation