



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2020				Day : Monday				Date : 04.05.20				
Probable Maximum Demand : 9800 MW				Probable Maximum Generation : 14958 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 78.80 ft				Today = 78.94 ft				
				Rule Curve = 81.43 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.05.20 (Yesterday)		04.05.20 (Today)		03.05.20 (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 CCGP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Under maint.	
	c) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Standby	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Under maint.	
2	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	280	280	280	280			
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	62	110	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 CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	352	355	310	360			
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	450	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 CCGP	Gas (EGCB)	1x273+1x139	412	412	364	365	412	412			
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	77	195	200	200	15	Gas Shortage	
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335	Under maint.	
13	Siddhirganj 100 PP(Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	135	140	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	0	64	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	0	19	22	22			
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x6.73	80	80	35	47	45	49			
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x6.73	33	33	33	33	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x6.73	33	33	27	20	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	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	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	1809	2119	3368	4122	238	1051	
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	34	38	40	40	192	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	1.4	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	0	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	141	147	140	140			
45	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	223	217	225	225			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	0	52	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	50	100	100			
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	68	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	22	22	22	22			
*	Melanha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			3	40	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	524.4	834	1581	1711	192	180	
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	100	135	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	42	42	40	42			
57	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	201	187	225	225			
58	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	305	305	360	360			
59	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	345	335	360	360			
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	15	10	20			
61	Ashuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	26	26	8	8			
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	5	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 CCGP	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	21	21	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	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	16	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	107	113	113			
**	Import (Tirupura)	India		160	160	94	124	116	141			
Cumilla Zone Total				3040	2980	1176	1412	1683	2270	263	163	
75	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	151	156	210	210			
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	17	17	20	20			
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	16	95	95			
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	66	115	115			
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	24	120	170	170			
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.4	0	1.6	0			
Mymensingh Zone Total				645	637	194.4	375	611.6	610	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.05.20 (Yesterday)		04.05.20 (Today)		03.05.20 (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)	Description/ Remarks	Probable start-up date
81	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	42	42	70	73				
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	32	32	32	32		58	Under maint.	
83	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	5	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	50	44	44				
85	Kushiera 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
86	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	59	61	66	66				
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	183	190	220	220	140		Gas Shortage	
89	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	10	80	81	81				
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	150	150	150	150				
91	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	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	0	10	10	10				
94	Shahjahanulla 25 MW PP	Gas (CIIPP, REB)	3x9.34	25	25	0	16	24	24				
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	315	320	341	341				
96	Bibiyaana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0	400		Under maint.	
Sylhet Zone Total				1944	1899	931	1197	1283	1286	140	458		
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40				
98	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	370	380	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 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	115	115	115				
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	40	50	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	90	105				
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	50	105				
**	Bheramara (HVDC)	India		1000	1000	407	799	412	808				
Khulna Zone Total				2328	2314	777	1374	1197	2053	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	15	25	30	30				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	83	84	60	60				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	33	94	89	95				
Payra 1320 MW						298	402	300	400				
Barishal Zone Total				472	462	429	605	529	725	0	0		
112	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	70	70	60	60	1		Gas Shortage	
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	70	60	50	70	40		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	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	50	50	50				
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	80	100				
118	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	46				
119	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	42	42				
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	35				
121	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	180	214	210	210				
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	180	197	210	210	23		Gas Shortage	
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	404	405	410	410				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	5	15	17	17				
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	8	11	11				
127	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	40	43				
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	70	113	113				
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	113	113				
Rajshahi Zone Total				2193	2183	925	1100	1657	1836	284	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	200	200				
133	Rangpur 20 MW GTTP	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	113	113	113				
135	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	15				
136	Majpara, Tatulia 8 MW Solar PP (Sympa	Solar (IPP)	1 x 8	8	8	7.6	0	8	0				
Rangpur Zone Total				685	605	158	263	321	345	170	0		
Sub-total: Plants in operation				19580	19057	6923.4	9279	12231	14958	1287	1852		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						6593	8836	11647	14244				
(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	6923.4	9279	12231	14958	1287	1852		
(C) Actual data of 03.05.20 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	9279.00 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)	:	8836.00 MW, at = 21:00 hrs P			Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	9279.00 MW, at = 21:00 hrs			Dhaka	2698	2698	0	Mymensingh	807	807	0
04.	Minimum Generation (Generation end)	:	5245.20 MW, at = 6:00 hrs			Chattogram	817	817	0	Sylhet	367	367	0
05.	Day-peak Generation (Generation end)	:	6923.40 MW, at = 12:00 hrs			Khulna	1260	1260	0	Barishal	262	262	0
06.	Evening-peak Generation (Generation end)	:	9279.00 MW, at = 21:00 hrs P			Rajshahi	1043	1043	0	Rangpur	651	651	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 21:00 hrs P			Cumilla	931	931	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	5911.59 MW, at = 5:00 hrs am										
09.	Generation shortfall at evening peak due to :	:								Total	8836	8836	0
	a) Gas limitation	:	925 MW			13.	Fuel cost :	(a) Gas = 160834049 Taka	(c) Coal = 52693173 Taka				
	d) Coal supply Limitation	:	170 MW					(b) Oil = 46517764 Taka	Total = 260044986 Taka				
	b) Low water level in Kapit lake	:	192 MW										
	c) Plants under shut down/ maintenance	:	1852 MW			14.	Maximum Temperature in Dhaka was :	33° C					
10.	Total Energy (Generation + India Import)	:	171.84 MKWh			15.	Export through East-West interconnections :						
	By Gas = 137.654 MKWh		By Oil = 8.915 MKWh				At evening peak-hour	:	88 MW, at 21:00 hrs PM				
	By Coal = 11.140 MKWh		By Hydro = 0.791 MKWh				Maximum	:	-220 MW, at 3:00 hrs				
	By Solar= 0.187 MKWh						Energy	:	0.258 MKWh				
11.	Total Gas Supplied	:	1170.89 MMCFD										
(D) Forecast of 04.05.20 (Today) Monday :													
01.	Maximum Demand	:	9800 MW (Generation end)			04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	14958 MW (Generation end)			05.	Total Generation	:	181.49 MKWh				
03.	Maximum Shortage	:	-5158 MW (Generation end)			06.	Probable Max. Temperature in Dhaka :	:	33.1° C				
* Captive Power ** Imported Power													
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00													
(Faouzi Islam Shaker) Deputy Secretary, Generation													