



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9544667, 9551095

Month May, 2020		Day : Sunday				Date : 10.05.20								
Probable Maximum Demand :		11000 MW				Probable Maximum Generation : 15587 MW								
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 78.02 ft				Today = 77.50 ft				Rule Curve = 80.29 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.05.20 (Yesterday)		10.05.20 (Today)		09.05.20 (Yesterday)		10.05.20 (Today)		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)				
(A) Plants in operation:														
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	0	0	0	0			85	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	234	220	100	200					
	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	0	0	0	0			365	Under maint.	
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	101	110	108	108					
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	69	60	78	78	18			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	244	320	360	360					
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	400	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	349	334	360	412					
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	180	120	150	200	90			Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0			335	Under maint.	
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	60	100	100					
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	140	135	150	150					
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	92	100	100					
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	56	93	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	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+7x6.73	80	80	45	50	45	53					
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	27	25	25					
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	16	149	149					
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	6	50	50					
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	53	54	54					
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	275	100	300					
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	63	149	149	149					
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	26x1.4	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	Aurahati 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	17	55	55					
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	55	55	55					
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0					
Dhaka Zone Total				6047	5811	1980	2699	3202	4112	253		1260		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	77	73	80	80	157			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	5.3	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	19.3	0	20	0					
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	9	50	50					
43	Sikalbaha 105 MW PP (Baraka Siki)	HFO (IPP)	6x18.415	105	105	0	0	105	105					
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	140	139	150	150					
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	214	210	225	225					
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	53	216	230	300					
47	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100					
48	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	30	100	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	Barakunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	19	21	22	22					
*	Melancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			3	40	20	40					
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	75	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)				100	100	100	100					
Chattogram Zone Total				2226	2166	760.6	1142	1636	1761	157		180		
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	135	100	100	135	35			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	40	42	41	42					
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	201	212	225	225					
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	0	77	200	360			283	Was Under maint.	
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	340	310	360	360					
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	47	47	52	52					
61	nsruganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	120	86	100	120					
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51					
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	30	143	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	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	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 (SIIP, REB)	3x3.67+2x6.97	25	25	13	20	20	21					
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	114	114	114					
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	46	113	113	113					
**	Impoort (Tripura)	India		160	160	100	118	116	141					
Cumilla Zone Total				3040	2980	1252	1598	1758	2550	169		446		
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	199	156	160	210					
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	20	20	20	20					
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	11	95	95					
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	115	115	115					
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	80	125	200	200					
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.3	0	1.6	0					
Mymensingh														

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.05.20 (Yesterday)		10.05.20 (Today)		09.05.20 (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 CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	86	85	87	87					
82	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	26	27	30	30		63	GT-4 Under maint.		
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	48	53	51	51					
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	44	44					
85	Kushiana 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	130	163	163					
86	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11					
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	58	60	66	66					
88	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	195	188	220	244		142	ST under maint.		
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	80	80	80	80					
90	Sylhet 150 MW CAPP	Gas (PDB)	1x142	142	142	150	100	150	150					
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	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 CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	290	341	341					
96	Bibiyana-III 400 MW CAPP	Gas (PDB)	1x225+1x175	400	400	0	0	0	0		400	Under maint.		
Sylhet Zone Total				1944	1899	1226	1127	1297	1321	0	605			
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40					
98	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	360	335	410	410					
99	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	37					
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70					
101	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225					
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	32	95	115	115					
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	91	50	100					
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40					
105	Rupsha 105 MW PP (Orton rupsha)	HFO (IPP)	6x18.445	105	105	0	17	90	105					
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	50	105					
**	Bheramara (HVDC)	India		1000	1000	646	946	765	960					
Khulna Zone Total				2328	2314	1038	1524	1550	2207	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	48	50	110					
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	18	33	30	30					
110	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	60	60	60	60		134	GT2 shutdown		
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	92	83	89	95					
Payra 1320 MW						498	665	563	660					
Barisal Zone Total				472	462	668	889	792	985	0	134			
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	70	70	70	70	1		Gas Shortage		
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	70	65	70	70	35		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	50	50	50					
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	60	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 CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	143	144	200	220	66		Gas Shortage		
122	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	202	155	200	220	65		Gas Shortage		
123	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	205	182	210	210	38		Gas Shortage		
124	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	0	0	0	0		414	Under maint. 11/5/2020		
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	15	16	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 (SIIP, REB)	4x2.90	11	11	10	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	109	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	723	870	1467	1666	205	414			
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage		
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	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 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	113	113	113					
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	15					
136	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	7.9	0	8	0					
Rangpur Zone Total				685	605	158	263	321	345	170	0			
Sub-total: Plants in operation				19580	19057	8106.8	10539	12615	15587	954	3039			
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss														
						7671	9973	11937	14750					
(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	8106.8	10539	12615	15587	954	3039			
(C) Actual data of 09.05.20 (Yesterday) Saturday :														
01.	Max. Demand (Generation end)	:	10539.00	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)	:	9973.00	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)	:	10539.00	MW, at = 21:00 hrs	Dhaka	3131	3131	0	Mymensingh	899	899	0		
04.	Minimum Generation (Generation end)	:	6014.80	MW, at = 6:00 hrs	Chattogram	1097	1097	0	Sylhet	451	451	0		
05.	Day-peak Generation (Generation end)	:	8106.80	MW, at = 12:00 hrs	Khulna	1222	1222	0	Barisal	325	325	0		
06.	Evening-peak Generation (Generation end)	:	10539.00	MW, at = 21:00 hrs P	Rajshahi	1131	1131	0	Rangpur	664	664	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs P	Cumilla	1053	1053	0						
08.	Actual Minimum Generation up to 8:00 hrs.	:	7422.60	MW, at = 5:00 hrs am	Total							9973	9973	0
09.	Generation shortfall at evening peak due to :	:			13. Fuel cost :							(e) Gas = 162196906 Taka	(c) Coal = 78563081 Taka	
	a) Gas limitation	:	627	MW	(b) Oil = 193671387 Taka							Total = 434431374 Taka		
	d) Coal supply Limitation	:	170	MW	14. Maximum Temperature in Dhaka was :							35.2° C		
	b) Low water level in Kaptai lake	:	157	MW	15. Export through East-West interconnections :									
	c) Plants under shut down/ maintenance	:	3039	MW	At evening peak-hour							: -119 MW, at 21:00 hrs PM		
10.	Total Energy (Generation + India Import)	:	198.11	MKWh	Maximum							: -119 MW, at 21:00 hrs		
	By Gas = 132.868 MKWh				By Oil = 27.597 MKWh									
	By Coal = 17.037 MKWh				By Hydro = 1.692 MKWh									
	By Solar = 0.262 MKWh				Energy							: 0.151 MKWh		
11.	Total Gas Supplied	:	1214.06	MWCFD										
(D) Forecast of 10.05.20 (Today) Sunday :														
01.	Maximum Demand	:	11000	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)				
02.	Maximum Generation	:	15587	MW (Generation end)	05.	Total Generation	:	206.78	MKWh					
03.	Maximum Shortage	:	-4587	MW (Generation end)	06.	Probable Max. Temperature in Dhaka	:	38.7° C						

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation