



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2020				Day : Wednesday				Date : 06.05.20							
Probable Maximum Demand : 8500 MW				Probable Maximum Generation : 14620 MW											
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 79.03 ft				Today = 79.04 ft				Rule Curve = 81.05 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Deraled/ Present Capacity (MW)	05.05.20 (Yesterday)		06.05.20 (Today)		05.05.20 (Yesterday)		06.05.20 (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	24	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	0	0	150	220			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 CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	240	0	0	0			365	Under maint.		
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	104	94	108	108						
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	67	0	78	78		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	89	354	0	0						
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	330	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	0	371	350	412						
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	99	150	150	200		60		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	0	100	100						
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	140	140	150	150						
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	100	0	100	100						
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	97	48	100	100						
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	30	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+7x6.73	80	80	45	45	45	53						
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	28	25	33	33						
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	27	16	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	32	149	149						
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	50	50						
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	53	0	54	54						
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	195	0	100	300						
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	149	15	149	149						
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	26x1.4	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	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	55	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	1891	1726	2870	3760	283	1440				
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	37	37	40	40		193		Low Water Level		
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	95	95	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	4.5	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	19.6	0	20	0						
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	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	139	139	140	140						
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	223	221	225	225						
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	140	65	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	100	70	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	22	22	22	22						
*	Melanha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			2	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						
	Juldah unit-2	HFO (IPP)				100	100	100	100						
Chattogram Zone Total				2226	2166	882.1	840	1581	1711	193	180				
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	100	100	100						
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	0	0	100	100		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 CCPP	Gas (APSCL)	1x142+1*75	221	221	197	187	225	225						
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	275	265	0	0						
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	325	290	360	360						
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	25	5	52	52						
61	Asnuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	55	16	55	55						
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	25	51	51						
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	137	10	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	Jengalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	33	33	33						
70	Jengalia 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	20	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	73	114	114						
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	113	113	113	113						
**	Impoort (Tripura)	India		160	160	120	140	116	141						
Cumilla Zone Total				3040	2980	1502	1351	1512	2089	263	163				
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	148	160	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	0	95	95						
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	8	0	115	115						
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	170	12	176	176						
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.2	0	1.6	0						
Mymensingh Zone Total				645	637	347.2	192								

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.05.20 (Yesterday)		06.05.20 (Today)		05.05.20 (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	42	71	71	71							
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	29	29	32	32			GT-4 Under maint.				
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	50	53	51	51							
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	20	44	44							
85	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	163	163	163							
86	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	11	0	11	11							
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	36	66	66							
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	244	242	220	244			88 ST under maint.				
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	80	40	81	81							
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	120	148	150	150							
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	9	10	10							
94	Shahjahanula 25 MW PP	Gas (CIIP, REB)	3x9.34	25	25	16	15	24	24							
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	320	341	341							
96	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0			400 Under maint.				
Sylhet Zone Total				1944	1899	1111	1165	1284	1308	0	549					
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	360	330	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	115	99	115	115							
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	65	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	53	90	105							
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	50	105							
**	Bheramara (HVDC)	India		1000	1000	398	786	401	797							
Khulna Zone Total				2328	2314	873	1373	1186	2042	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	98	50	110							
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	20	31	30	30							
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	84	0	83	83			194 GT2 shutdown				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	94	0	89	95							
Payra 1320 MW						528	351	350	550							
Barishal Zone Total				472	462	726	480	602	898	0	194					
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	60	65	60	65	6		Gas Shortage				
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	60	60	60	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	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	50	0	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	0	0	0	0	210		Gas Shortage				
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	66	166	150	220	54		Gas Shortage				
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	173	184	210	210	36		Gas Shortage				
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	400	389	410	410							
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	15	13	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	11	8	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	109	0	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	952	893	1607	1851	346	0					
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	38	0	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	2.4	0	8	0							
Rangpur Zone Total				685	605	190	150	321	345	170	0					
Sub-total: Plants in operation				19580	19057	8474.7	8170	11531	14620	1255	2526					
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						8087	7796	11003	13951							
(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	8474.7	8170	11531	14620	1255	2526					
(C) Actual data of 05.05.20 (Yesterday) Tuesday :																
01.	Max. Demand (Generation end)	:	8170.00	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)	:	7796.00	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)	:	9112.00	MW,	at =	3:00 hrs	Dhaka	2777	2777	0	Mymensingh	347	347	0		
04.	Minimum Generation (Generation end)	:	7080.30	MW,	at =	7:00 hrs	Chattogram	906	906	0	Sylhet	151	151	0		
05.	Day-peak Generation (Generation end)	:	8474.70	MW,	at =	12:00 hrs	Khulna	1261	1261	0	Barishal	304	304	0		
06.	Evening-peak Generation (Generation end)	:	8170.00	MW,	at =	21:00 hrs P	Rajshahi	720	720	0	Rangpur	330	330	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	21:00 hrs P	Cumilla	1000	1000	0						
08.	Actual Minimum Generation up to 8:00 hrs.	:	4525.70	MW,	at =	5:00 hrs am					Total	7796	7796	0		
09.	Generation shortfall at evening peak due to :	:									(e) Gas =	156028043	Taka	(c) Coal =	71140469	Taka
	a) Gas limitation	:	892	MW							(b) Oil =	198998944	Taka	Total =	428167456	Taka
	d) Coal supply Limitation	:	170	MW												
	b) Low water level in Kaptai lake	:	193	MW												
	c) Plants under shut down/ maintenance	:	2526	MW												
10.	Total Energy (Generation + India Import)	:	191.67	MKWh												
	By Gas =	132.746	MKWh	By Oil =	28.963	MKWh										
	By Coal =	15.346	MKWh	By Hydro =	0.816	MKWh										
	By Solar =	0.212	MKWh													
11.	Total Gas Supplied	:	1096.62	MMCFD												
(D) Forecast of 06.05.20 (Today) Wednesday :																
01.	Maximum Demand	:	8500	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)					
02.	Maximum Generation	:	14620	MW	(Generation end)	05.	Total Generation	:	178.80	MKWh						
03.	Maximum Shortage	:	-6120	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka	:	32.0° C							

* Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation