



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2020				Day : Monday				Date : 06.04.20					
Probable Maximum Demand : 9800 MW				Probable Maximum Generation : 14866 MW									
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 81.40 ft				Today = 81.30 ft					
				Rule Curve = 87.00 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.04.20 (Yesterday)		06.04.20 (Today)		05.04.20 (Yesterday)		06.04.20 (Today)		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	
(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	200	110	150	180				
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under maint.	30/05/2020
2	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	364	320	365	365				
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	108	74	100	100				
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 CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	346	320	360	360				
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	350	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	0	211	0	0				
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	185	80	200	200	130		Gas Shortage	
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	208	170	220	220		165	ST under maint.	
13	Siddhirganj 100 PP(Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	84	100	100				
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	145	125	150	150				
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	0	100	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	49	96	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+7x8.73	80	80	31	35	58	58				
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	30	33	33	33				
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	26	26	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 (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	15	200	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	34	50	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	Aurahi 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	55	35	35				
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0				
Dhaka Zone Total				6047	5811	2170	2367	3566	4196	353	701		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	36	32	40	40	198		Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	90	85	100	100	95		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	2.9	0	5	0				
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	1	25	25				
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	8.3	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	19	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	30	80	100			Was under maint.	
45	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	219	217	225	225				
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	50	125	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	32	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 (SIIP, PDB)	8x2.90	22	22	21	20	22	22				
*	Melanha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			21	42	42	42				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	12	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)				100	100	100	100				
Chattogram Zone Total				2226	2166	548.2	715	1528	1673	293	180		
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	130	80	120	120	55		Gas Shortage	
	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	135	100	100	100	34		Gas Shortage	
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	39	46	46	46				
57	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	195	180	225	225				
58	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	0	0	0	0		360	Under maint.	9/4/2020
59	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	350	315	360	360				
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	20	20	20	20				
61	Ashuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	83	83	83	83				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	35	43	51	51				
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	2	150	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	90	89	90	90				
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	18	22	22				
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	5	0	11	11				
69	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	0	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	21	0	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	36	113	113				
**	Import (Tripura)	India		160	160	110	76	116	130				
Cumilla Zone Total				3040	2980	1269	1236	1512	2190	218	360		
75	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	187	206	210	210				
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	22	22	22	22				
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	48	95	95	95				
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	24	45	115	115				
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	115	115	124	124				
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.4	0	1.6	0				
Mymensingh Zone Total				645	637	398.4	483	567.6	566	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.04.20 (Yesterday)		06.04.20 (Today)		05.04.20 (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	41	86	84	84				
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	43	43	43	43				
83	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	53	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	51	51	44	44				
85	Kushiera 163 MW CCPP (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	0	11	11				
87	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	58	45	66	66				
88	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	307	315	300	300				
89	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	81	81	80	86				
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	90	60	0	0				
91	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	0	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 (CIIP, REB)	3x9.34	25	25	23	24	24	24				
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	325	280	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	1256	1178	1237	1243	0	400		
97	Bheramara GTTP 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	390	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	19	115	115	115				
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	60	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	17	0	90	105				
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	50	105				
**	Bheramara (HVDC)	India		1000	1000	355	920	352	946				
Khulna Zone Total				2328	2314	781	1465	1087	2191	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	70	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	16	21	20	23				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	169	161	185	185				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	21	89	95				
Payra 1320 MW						311	303	305	305				
Barishal Zone Total				472	462	496	506	669	748	0	0		
112	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	40	50	65	65	21		Gas Shortage	
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	50	55	65	65	45		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	0	0	0				
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	100	80	100				
118	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	37	38	40	40				
119	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	24	0	40	40				
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	36				
121	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	205	140	170	170	70		Gas Shortage	
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	206	158	173	173	62		Gas Shortage	
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	400	336	410	410				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	14	17	18	18				
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	11	11	11				
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	24	34	52	52				
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	109	109	113	113				
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	70	113	113				
Rajshahi Zone Total				2193	2183	1128	1126	1561	1712	418	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under maint.	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	63	65	0	0				
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	200	200	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	73	113	113	113				
135	Saidpur 20 MW GTTP	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	7.1	0	8	0				
Rangpur Zone Total				685	605	343	378	321	347	0	85		
Sub-total: Plants in operation				19580	19057	8389.7	9454	12049	14866	1282	1726		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						7959	8969	11430	14103				
(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	8389.7	9454	12049	14866	1282	1726		
(C) Actual data of 05.04.20 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	9454.00	MW, at =	19:30 hrs P	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8969.00	MW, at =	19:30 hrs P	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	9454.00	MW, at =	19:30 hrs	Dhaka	2731	2731	0	Mymensingh	899	899	0
04.	Minimum Generation (Generation end)	:	7231.00	MW, at =	5:00 hrs	Chattogram	970	970	0	Sylhet	387	387	0
05.	Day-peak Generation (Generation end)	:	8389.70	MW, at =	12:00 hrs	Khulna	1255	1255	0	Barishal	186	186	0
06.	Evening-peak Generation (Generation end)	:	9454.00	MW, at =	19:30 hrs P	Rajshahi	1163	1163	0	Rangpur	743	743	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:30 hrs P	Cumilla	635	635	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	6853.50	MW, at =	5:00 hrs am					Total	8969	8969	0
09.	Generation shortfall at evening peak due to :	:				13. Fuel cost : (a) Gas = 170953148 Taka (c) Coal = 68779870 Taka (b) Oil = 146143745 Taka Total = 385876763 Taka							
	a) Gas limitation	:	1084	MW									
	d) Coal supply Limitation	:	0	MW									
	b) Low water level in Kaptai lake	:	198	MW									
	c) Plants under shut down/ maintenance	:	1726	MW									
10.	Total Energy (Generation + India Import)	:	195.86	MKWh		14. Maximum Temperature in Dhaka was : 36° C							
	By Gas = 145.767 MKWh			By Oil = 21.126 MKWh		15. Export through East-West interconnections :							
	By Coal = 13.972 MKWh			By Hydro = 0.790 MKWh		At evening peak-hour : -87 MW, at 19:30 hrs PM							
	By Solar= 0.160 MKWh					Maximum : -255 MW, at 8:00 hrs							
						Energy : 2.388 MKWh							
11.	Total Gas Supplied	:	1210.26	MMCFD									
(D) Forecast of 06.04.20 (Today) Monday :													
01.	Maximum Demand	:	9800	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14866	MW	(Generation end)	05.	Total Generation	:	203.03	MKWh			
03.	Maximum Shortage	:	-5066	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	38.5° C				
* Captive Power ** Imported Power													
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00													
(Faouzi Islam Shaker) Deputy Secretary, Generation													