

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2021		Day : Friday		Date : 05.02.21								
Probable Maximum Demand :		8200 MW		Probable Maximum Generation : 13750 MW								
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 95.29 ft		Today = 95.16 ft.								
				Rule Curve = 96.44 ft.								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.02.21 (Yesterday)		05.02.21 (Today)		04.02.21 (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
(A) Plants in operation:												
1	a) Ghorasal Repowered CAPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under maint.
	b) Ghorasal Repowered CAPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Under maint.
	c) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	190	190	190	190			
2	Ghorasal 365 MW CAPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0		365	Under maint.
3	Ghorasal 108MW PP (Regent)	Gas (IPPP)	34x3.35	108	108	97	101	108	108			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0			Contract Expired
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20		Gas Shortage
7	Haripur 360MW CAPP(HPL)	Gas (IPPP)	1x235+1x125	360	360	244	244	360	360			
8	Meghnaghat 450 MW CAPP(MPL)	Gas (IPPP)	2x140+1x170	450	450	0	0	0	0	450		Under maint.
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		115	Under Overhauling
10	Haripur 412 MW CAPP	Gas (EGCB)	1x273+1x139	412	412	116	293	300	300			Was under maint.
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage
12	Siddhirgonj 335 MW CAPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0		335	Under maint.
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	85	94	100	100			
14	Meghnaghat CAPP(Summit)	GAS (IPPP)	2x110+1x110	305	305	280	270	305	305			
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	25	50	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	86	100	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPPP)	5x17.08+1x11.3	55	55	25	55	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	60	47	85	85			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPPP)	12x8.924	102	102	74	74	100	102			
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
21	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	43	58	58			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	17	17	17	17			
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	33	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	70	0	105	105			
26	Kodda 150MW PP	HFO (BPOB-RPCL)	9x17.06	149	149	70	100	149	149			
27	Katpott 52 MW PP (Sinha)	HFO (IPPP)	7x7.90	51	51	0	0	50	50			
28	Kamalghat 54 MW PP (Banco Energy)	HFO (IPPP)	3x18.69	54	54	35	54	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPPP)	18x17.076	300	300	285	286	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPPP)	8x18.415+1x8.97	149	149	134	144	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPPP)	256x1.4	300	300	0	0	100	300			
32	Bramhangonj 100 MW PP (Aggreko)	HSD (IPPP)	23x0.85+91x.959	100	100	0	0	50	100			
33	Aurabahi 100MW PP (Aggreko)	HSD (IPPP)	23x0.85+91x.959	100	100	0	0	100	100			
34	Nababganj 55 MW PP (Southern po)	HFO (IPPP)	3x19.3	55	55	35	35	35	35			
35	Manikganj 55 MW PP (Northern)	HFO (IPPP)	3x19.3	55	55	17	35	35	35			
36	Bosila 108MW PP(CLC)	HFO (IPPP)	12x8.775+1x3.5	108	108	0	0	0	0			
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPPP)	6x18.5	104	104	90	91	104	104			
38	Manikganj 162MW PP(MPGL)	HFO (IPPP)	9x18	162	162	144	144	144	144			
Dhaka Zone Total				6171	5972	2283	2522	3360	3612	785	1165	
39	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	70	70	70	70	160		Low Water Level
40	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Under maint.
41	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	7	5	0	5	0			
42	Raazan 25 MW PP	HFO (RPCL)	3x8.9	25	25	25	0	25	25			
43	Teknaf 20MW PP (Solartech)	Solar (IPPP)	1x20	20	20	16	0	20	20			
44	Patenga 50MW PP (Baraka)	HFO (IPPP)	8x6.89	50	50	19	19	19	19			
45	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPPP)	6x18.415	105	105	0	0	0	100			
46	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150		Gas Shortage
47	Sikalbaha 225 MW CAPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225		Gas Shortage
48	Anwara 300 MW PP (United)	HFO (IPPP)	17x17.076+3x8.04	300	300	307	308	300	300			
49	Julda 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
50	Julda 100 MW Unit-3 (Accom)	HFO (IPPP)	8x13.45	100	100	100	100	100	100			
51	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	57	85	85	85			
52	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
53	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			6	28	25	40			
54	Chattogram 108 MW PP (ECPV)	HFO (IPPP)	16x7.00	108	108	33	30	100	100			
55	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPPP)	3x18.55+1x3.6	54	54	35	53	54	54			
56	Karnaphuli Power Ltd.	HFO (IPPP)	6x18.41+1x6.4	110	110	0	0	110	110			
57	Julda unit-2 (Accom)	HFO (IPPP)	8x13.6	100	100	100	100	100	100			
58	Chattogram 116 MW PP (Anima Er)	HFO (IPPP)	6x21.06	116	116	0	0	0	0			
Chattogram Zone Total				2442	2382	793	843	1135	1225	715	180	
59	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135		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	0	0	0	0	134		Gas Shortage
60	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	0	16	5	5	29		Gas Shortage
61	Ashuganj 225 MW CAPP	Gas (APSCL)	1x142+1x75	221	221	194	226	225	225			
62	Ashuganj 450 MW CAPP(South)	Gas (APSCL)	1x360	360	360	305	285	350	350			
63	Ashuganj 450 MW CAPP(North)	Gas (APSCL)	1x361	360	360	15	15	250	250			Was Under Maint.
64	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	20	20	5	5	35		Gas Shortage
65	Ashuganj 185MW PP (APSCL-United)	Gas (IPPP)	20*9.73+1*16	195	195	45	45	8	8	150		Gas shortage
66	Ashuganj 51 MW PP (Midland)	Gas (IPPP)	6x9.34	51	51	43	43	51	51			
67	Ashuganj 150MW PP (Midland)	HFO (IPPP)	23x7.015	150	150	105	117	150	150			
68	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	4	0	50			
69	Chandpur 150 MW CAPP	Gas (PDB)	1X106+1x57	163	163	50	46	50	50			
70	Chandpur 200MW (Desh energy)	HFO (IPPP)	12x18.415	200	200	0	42	200	200			
71	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	0	22	22			
72	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	3	11	11			
73	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
74	Jangalia 52 MW PP (Lakdanavi)	HFO (IPPP)	6x8.92	52	52	0	8	52	52			
75	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	19	21	19	19			
76	Daudkandi 200 MW PP (B.Trac)	HSD (IPPP)	8x1.44+8x1.515+15x1.08	200	200	0	0	0	200			
77	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPPP)	7*18.415+1*9.78	114	114	0	0	114	114			
78	Chowmuhani 113 MW	HFO (IPPP)	12*9.78+2*3.1	113	113	26	30	113	113			
**	Impoort (Tripura)	India		160	160	96	106	134	146			
Cumilla Zone Total				3040	2980	981	1062	1792	2054	612	0	
79	RPCL 210MW CAPP	Gas (IPPP)	4x35+1x70	210	202	100	104	140	140	98		Gas Shortage
80	Tangali 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	20	22	22			
81	Jamalpur 95 MW PP(Powerpac)	HFO (IPPP)	12x8.924	95	95	33	24	82	82			
82	Jamalpur 115 MW PP (United)	HFO (IPPP)	12x9.87	115	115	95	45	115	115			
83	Mymensingh 200 MW PP (United)	HFO (IPPP)	21x9.780	200	200	183	194	200	200			
84	Sarishabari 3 MW Solar Plant	Solar (IPPP)	1x3	3	3	2	0	1.6	0			
85	Sutiakhali 50 MW Solar PP	Solar (IPPP)	1x50	50	50	46	0	50	0			
86	Tangali 22 MW PP(PPL)	HFO (IPPP)	4x6.7	22	22	16	24	22				

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.02.21 (Yesterday)		05.02.21 (Today)		04.02.21 (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)			
87	Fenchugonj	CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	29	30	30	30					
88	Fenchugonj	CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	0					
89	Fenchugonj	51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	14	14	51	51					
90	Fenchugonj	44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	10	50	50					
91	Kushiana	163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163					
92	Hobiganj	11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
93	Shahjibazar	GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	0	0	0	0	66		Under maint.		
94	Shahjibazar	330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	101	100	105	105	230		Gas Shortage		
95	Shahjibazar	86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	67	69	74	74					
96	Sylhet	225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	20	120	150	150	111		Gas Shortage		
97	Sylhet	20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	0	0	0					
98	Sylhet	50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0					
99	Sylhet	10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	9	9	10	10					
100	Shahjahanulla	25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	16	16	16					
101	Bibiana-II	341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	285	310	341	341					
102	Bibiana-III	400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	85	431	400	400					
		Bibiyana South 400 MW	Gas (PDB)				403	400	400	400					
		Shahjibazar 100 MW GTTP	Gas (PDB)				0	0	100	100			On Test		
Sylhet Zone Total							2033	1988	1213	1683	1901	1901	341	66	
103	Bheramara	GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16					
104	Bheramara	410 MW CCPP	Gas (NWPGL)	1 x 278+ 1 x 132	410	410	340	335	410	410					
105	Faridpur	50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	25	25					
106	Gopalganj	100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	70	70					
107	Khulna	225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	220					
108	Khulna	115 PP MW (KPLC-2)	HFO (QRPP)	7x17	115	115	115	115	115	115					
109	Noapara	100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	50	100					
110	Noapara	40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40					
111	Rupsha	105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	95	95	95	95					
112	Madhumati	100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100					
**	Bheramara (HVDC)	India			1000	1000	425	425	530	818					
Khulna Zone Total							2288	2284	1015	1010	1435	2009	0	0	
113	Barisal	110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	32	110	110					
114	Bhola	33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	15	25	26	26					
115	Bhola	225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0	194		Under maint.		
116	Bhola	95 MW PP (Agreko)	Gas (QRPP)	1.1x96	95	95	56	71	95	95					
117	Payra	1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	470	430	620	620					
118	Potukhali	150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	0	0					
		Bhola Nutan Biddut BD LTD	Gas/HSD				0	0	0	0					
Barishal Zone Total							1826	1826	541	558	851	851	0	194	
119	a)	Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage		
	b)	Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage		
120		Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	50	50	0	50					
121		Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200					
122		Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40					
123		Amnura 50 MW PP (Siraha)	HFO (QRPP)	7x7.79	50	50	25	25	25	25					
124		Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	100	104	104					
125		Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	50	50					
126		Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0					
127		Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	30	33	0	34					
128		Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage		
129		Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150+ 1x75	220	220	194	153	220	220					
130		Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	173	191	220	220					
131		Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	0	0	0	0	414		Under Maint.	13/2/2021	
132		Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	21	22	22					
133		Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	0	0	0					
134		Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
135		Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	52	52	52	52					
136		Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6'18.55	113	113	70	113	35	113					
137		Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	35	100	113	113					
Rajshahi Zone Total							2193	2183	662	849	1052	1254	381	414	
138	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		
139		Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	150	150					
140		Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0					
141		Rangpur 113 MW PP (Confidence)	HFO (IPP)	7'16x 2'3	113	113	94	105	113	113					
142		Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0					
143		Majpara, Tatulia 8 MW Solar PP (Sympa Pt)	Solar (IPP)	1 x 8	8	8	5	0	8	0					
Rangpur Zone Total							685	605	249	255	271	263	170	0	
Sub-total: Plants in operation							21395	20929	8234.0	9193	12430	13750	3102	2019	
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss									7876	8793	11889	13152			
(B) Contract expired power plants															
Sub-Total: Plants under long term maintenance							0	0	0	0	0	0			
Gross Total							21395	20929	8234	9193	12430	13750	3102	2019	
(C) Actual data of 04.02.21 (Yesterday) Thursday :															
01.	Max. Demand (Generation end) :				9193.00 MW, at = 19:00 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end) :				8793.00 MW, at = 19:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end) :				9193.00 MW, at = 19:00 hrs	Dhaka	3036	3036	0	Mymensingh	805	805	0		
04.	Minimum Generation (Generation end) :				5794.00 MW, at = 5:00 hrs	Chattogram	910	910	0	Sylhet	328	328	0		
05.	Day-peak Generation (Generation end) :				8234.00 MW, at = 12:00 hrs	Khulna	1115	1115	0	Barishal	237	237	0		
06.	Evening-peak Generation (Generation end) :				9193.00 MW, at = 19:00 hrs	Rajshahi	971	971	0	Rangpur	611	611	0		
07.	Evening Peak Load-shed (Sub-station end) :				0.00 MW, at = 19:00 hrs	Cumilla	780	780	0						
08.	Actual Minimum Generation up to 8:00 hrs. :				5859.00 MW, at = 7:00 hrs										
09.	Generation shortfall at evening peak due to :														
	a) Gas limitation :				2772 MW										
	d) Coal supply Limitation :				170 MW										
	b) Low water level in Kaptai lake :				160 MW										
	c) Plants under shut down/ maintenance :				2019 MW										
10.	Total Energy (Generation + India Import) :				183.86 MKWh										
	By Gas = 96.076 MKWh				57.710 MKWh										
	By Coal = 15.722 MKWh				By Hydro = 1.392 MKWh										
	By Solar= 0.477 MKWh														
11.	Total Gas Supplied :				841.13 MMCFD										
(D) Forecast of 05.02.21 (Today) Friday :															
01.	Maximum Demand :				8200 MW (Generation end)	04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)									
02.	Maximum Generation :				13750 MW (Generation end)	05. Total Generation : 164.00 MKWh									
03.	Maximum Shortage :				-5550 MW (Generation end)	06. Probable Max. Temperature in Dhaka : 28.3° C									

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation