

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2022					Day : Friday					Date : 11.02.22				
Probable Maximum Demand : 9500 MW					Probable Maximum Generation : 12580 MW									
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 92.84 ft					Today = 92.78 ft				
Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.02.22 (Yesterday)		11.02.22 (Today)		Rule Curve = 95.60 ft		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	Ghorasal Repowered CCPP Unit-3 (GT)	Gas	(PDB)	1 x 260	260	260	0	0	0	0		260	Under project work	
2	a) Ghorasal Repowered CCPP Unit-4	Gas	(PDB)	1 x 210	210	180	220	220	220	220				
	b) Ghorasal TPP Unit-5	Gas	(PDB)	1 x 210	210	190	0	0	0	0	190		Gas Shortage	
3	Ghorasal 365 MW CCPP Unit-7	Gas	(PDB)	1x 254+1x 126	365	365	0	0	0	0	365		Gas Shortage	
4	Ghorasal 108MW PP (Regent)	Gas	(IPP)	34x3.35	108	108	0	0	0	0	108		Gas Shortage	
5	Tongi 80 MW GTPP	Gas	(PDB)	1 x 105	105	105	0	0	0	0		105	Under maint.	
6	Haripur GTPP	Gas	(PDB)	1 x 32	32	20	0	0	0	0	20		Gas Shortage	
7	Haripur 360MW CCPP(HPL)	Gas	(IPP)	1x235+1x125	360	360	0	0	0	0		360	Under maintenance	
8	Meghnaghat 450 MW CCPP(MPL)	Gas	(IPP)	2x140+1x170	450	450	225	225	225	225	225		Gas Shortage	
9	210 MW Siddhirgonj 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	266	261	280	280				
11	Siddhirgonj 2*120 MW GTPP	Gas	(EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas	(EGCB)	1 x 217+1x118	335	335	0	0	0	0	217	118	Gas Shortage	
13	Meghnaghat CCPP(Summit)	GAS	(IPP)	2x110+1x110	335	335	0	0	0	0	335		Gas Shortage	
14	Madanganj-55 MW PP(Summit)	HFO	(IPP)	5x17.08+1x11.3	55	55	40	40	40	40				
15	Keraniganj 100 MW PP (Powerpac)	HFO	(QRPP)	8x13.45	100	100	10	59	60	60				
16	Gagnagar 102 MW PP (Digital Power)	HFO	(IPP)	12x8.924	102	102	93	93	93	93				
17	Narshingdi 22 MW PP (Doreen)	Gas	(SIPP, REB)	8x2.90	22	22	22	22	22	22				
18	Summit Power,(Madhabdi+Ashulia)	Gas	(SIPP, REB)	6x3.67+7x8.73	80	80	49	56	55	56				
19	Maona 33 MW PP(Summit)	Gas	(SIPP, REB)	4x8.73	33	33	25	25	25	25				
20	Rupganj 33 MW PP(Summit)	Gas	(SIPP, REB)	4x8.73	33	33	33	33	33	33				
21	Gazipur 52 MW PP	HFO	(RPCL)	6x8.90	52	52	25	51	51	51				
22	Gazipur 100 MW PP	HFO	(RPCL)	6x18.415	105	105	105	105	100	105				
23	Kodda 150MW PP	HFO	(BPDB-RPCL)	9x17.06	149	149	16	98	150	150				
24	Kamalaghat 54 MW PP (Banco Energy)	HFO	(IPP)	3x18.69	54	54	54	54	54	54				
25	Kodda 300 MW PP Unit-2 (Summit)	HFO	(IPP)	18x17.076	300	300	293	300	300	300				
26	Kodda 149 MW PP Unit-1 (Summit)	HFO	(IPP)	8x18.415+1x8.97	149	149	122	133	149	149				
27	Keranigonj 300 MW PP (APR)	HSD	(IPP)	256x1.4	300	300	0	31	200	300				
28	Bramhangoan 100 MW PP (Aggreko)	HSD	(IPP)	23x0.85+91x.959	100	100	0	50	100	100				
29	Aurahati 100MW PP (Aggreko)	HSD	(IPP)	23x0.85+91x.959	100	100	0	30	100	100				
30	Nababganj 55 MW PP (Southern powe	HFO	(IPP)	3x19.3	55	55	55	55	55	55				
31	Manikganj 55 MW PP (Northern)	HFO	(IPP)	3x19.3	55	55	0	0	55	55				
32	Meghnaghat 104 MW PP (OPSL)	HFO	(IPP)	6x18.5	104	104	104	104	104	104				
33	Manikgonj 162MW PP(MPGL)	HFO	(IPP)	9x18	162	162	162	162	162	162				
34	Manikgonj 35MW Solar PP (Inspectra t	Solar	(IPP)	1x35	35	35	3	0	30	0				
35	Kanchan Purbachal Power Generation	HFO	(IPP)		55	55	0	55	55	55				
36	Katpotti 52 MW PP (Sinha)	HFO	(IPP)	7x7.90	51	51	0	0	51	51				
Dhaka Zone Total					5853	5696	1922	2262	2769	2845	1670	958		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	43	46	46	46	184		Low water level & maint.	
38	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		Gas Shortage	
39	Kaptai 7 MW Solar PP	Solar	(PDB)		7	7	5	0	5	0				
40	Raozan 25 MW PP	HFO	(RPCL)	3x8.9	25	25	17	17	17	17				
41	Teknaf 20MW PP (Solartech)	Solar	(IPP)	1x20	20	20	20	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO	(IPP)	8x6.89	50	50	40	39	40	40				
43	Sikalbaha 105 MW PP (Baraka Sikalbe	HFO	(IPP)	6x18.415	105	105	17	105	105	105				
44	Shikalbaha Peaking GT	Gas	(PDB)	1 x 150	150	150	0	0	0	0		150	Under maint.	
45	Sikalbaha 225 MW CCPP	Gas	(PDB)	1 x 150+1 x 75	225	225	0	0	0	0		225	HGPI awaiting	
46	Anwara 300 MW PP (United)	HFO	(IPP)	17x17.076+3x8.04	300	300	283	283	283	283				
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	50	90	90	90				
49	Dohazari -Kalaish 100 MW Peaking	HFO	(PDB)	6x17.0	102	102	0	51	51	51				
50	Hathazari 100 MW peaking PP	HFO	(PDB)	11x8.9	98	98	0	0	0	0		98	Environment Issue	
51	Barabkunda 22 MW PP (Regent)	Gas	(SIPP, PDB)	8x2.90	22	22	18	18	19	20				
*	Malancha, Ctg.EPZ (United)	Gas		5x8.73+3x9.34			5	21	8	26				
52	Chattogram 108 MW PP (ECPV)	HFO	(IPP)	16x7.00	108	108	90	89	90	90				
53	Sikalbaha 54 MW PP(Jodiac Power)	HFO	(IPP)	3x18.55+1x3.6	54	54	0	17	54	54				
54	Karnaphuli Power Ltd.	HFO	(IPP)	6x18.41+1x6.4	110	110	17	34	110	110				
55	Juldah unit-2 (Acorn)	HFO	(IPP)	8x13.6	100	100	10	10	100	100				
56	Chattogram 116 MW PP (Anlima Enerç	HFO	(IPP)	6x21.06	116	116	116	116	116	116				
Chattogram Zone Total					2442	2382	731	936	1254	1248	544	473		
57	a) Ashuganj TPP Unit- 4	Gas	(APSCL)	1 x 150	150	129	0	0	0	0	129		Gas Shortage	
	b) Ashuganj TPP Unit- 5	Gas	(APSCL)	1 x 150	150	134	0	0	0	0	134		Gas Shortage	
58	Ashuganj 50 MW PP	Gas	(APSCL)	14x3.968	53	45	5	5	5	5	40		Gas Shortage	
59	Ashuganj 225 MW CCPP	Gas	(APSCL)	1x142+1*75	221	221	205	167	200	200				
60	Ashuganj 450 MW CCPP(South)	Gas	(APSCL)	1x360	360	360	335	300	300	360				
61	Ashuganj 450 MW CCPP(North)	Gas	(APSCL)	1x361	360	360	340	260	300	360				
62	Ashuganj 55 MW PP (Precision)	Gas	(RPP)	15*4	55	55	5	5	5	5	50		Gas Shortage	
63	Ashuganj 195MW PP (APSCL-United)	Gas	(IPP)	20*9.73+1*16	195	195	8	8	75	75	187		Gas Shortage	
64	Ashuganj 51 MW PP (Midland)	Gas	(IPP)	6x9.34	51	51	51	51	51	51				
65	Ashuganj 150MW PP (Midland)	HFO	(IPP)	23x7.015	150	150	145	150	150	150				
66	Titas 50 MW Peaking PP	HFO	(PDB)	6x8.92	52	52	0	50	50	50				
67	Chandpur 150 MW CCPP	Gas	(PDB)	1X106+1x57	163	163	125	122	125	125				
68	Chandpur 200MW (Desh energy)	HFO	(IPP)	12x18.415	200	200	17	17	200	200				
69	Feni 22MW PP (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	21	21	21	21				
70	Feni 11 MW PP (Doreen)	Gas	(SIPP, REB)	4x2.90	11	11	5	5	5	5				
71	Jangalia 33MW PP (Summit)	Gas	(SIPP, PDB)	4x8.73	33	33	17	30	33	33				
72	Jangalia 52 MW PP (Lakdanavi)	HFO	(IPP)	6x8.92	52	52	43	35	52	52				
73	Cumilla 25 MW PP (Summit)	Gas	(SIPP, REB)	3x3.67+2x6.97	25	25	18	21	16	21				
74	Daudkandi 200 MW PP (B.Trac)	HSD	(IPP)	99x1.4+40x1.515+15x1.056	200	200	0	0	100	200				
75	Feni 11.4 MW Power Plant(Lakdanavi)	HFO	(IPP)	7*18.415+1*9.78	114	114	17	114	114	114				
76	Chowmuhani 113 MW	HFO	(IPP)	12*9.78+2*3.1	113	113	0	104	113	113				
77	Bhairob 54 MW PP	HFO	(IPP)	3x18.2	54	54	17	17	17	17				
	Chandpur 115(Doreen)	HFO	(IPP)				119	70	115	0			On Test	
**	Impoport (Tripura)	India			160	160	96	104	138	164				

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.02.22 (Yesterday)		11.02.22 (Today)		10.02.22 (Yesterday)		Status of Machines under shut-down/ Maintenance		
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date	
						Day	Evening	Day	Evening					
86	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	30	30	30	30		40	GT 1 Under maint.		
87	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	43	43	42	43		47	GT-4 Under maint.		
88	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	48	51	51	51					
89	Kushiara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	110	110	110	53		Gas Shortage		
90	Hobiganj 11MW PP Cofidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11					
91	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	68	65	66					
92	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	143	142	140	150	188		Gas Shortage		
93	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	78	84	80	84					
94	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	151	151	150	151	80		Gas Shortage		
95	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	0	0	20		Gas Shortage		
96	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	9	10	10	10					
97	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	16	16	16	9		Gas Shortage		
98	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	300	330	330					
99	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0					
100	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	400	355	400	400					
101	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0			Under project work		
Sylhet Zone Total				2422	2377	1366	1371	1435	1452	350	87			
102	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0					
103	Bheramara 410 MW CCPP	Gas (NWP GCL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Gas Shortage		
104	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	33	0	35					
105	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	40					
106	Khulna 225 MW CCPP	HSD (NWP GCL)	1 x 150+1x75	230	230	0	0	0	220					
107	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	28	80	100					
108	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	94	93	93	93					
109	Madhumati 100 MW PP	HFO (NWP GCL)	6x18.415	105	105	0	0	50	100					
110	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	68	0	50	0					
**	Bheramara (HVDC)	India		1000	1000	737	737	752	752					
Khulna Zone Total				2233	2229	899	891	1025	1340	410	0			
111	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	110	110					
112	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	22	24	20	24					
113	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	106	182	180	182	12		Gas Shortage		
114	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	54	11	11	11					
115	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	350	430	620	620		814	Line Overload		
116	Potua khali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	0	150					
117	Bhola 220MW CCPP (Nutan Bidyut BC	Gas/HSD (IPP)	2x75+1x70	220	220	101	106	220	220					
Barishal Zone Total				2046	2046	633	753	1161	1317	12	814			
118	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage		
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage		
119	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	17	34	34					
120	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	30	200	200					
121	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	6	22	50	50					
122	Chapainawabganj 100 MW Peaking PF	HFO (PDB)	12x8.924	104	104	50	100	90	100					
123	Katakhalii 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	16	32	0	40					
124	Katakhalii 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	24	43	43	43					
125	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	32	30	32					
126	Sirajgonj 225MW CCPP Unit-1	Gas (NWP GCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage		
127	Sirajgonj 225MW CCPP Unit-2	Gas (NWP GCL)	1x150 + 1x75	220	220	135	116	100	120	104		Gas Shortage		
128	Sirajgonj 225MW CCPP Unit-3	Gas (NWP GCL)	1x141+1x79	220	220	0	0	0	0	220		Gas Shortage		
129	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	330	291	350	360	123		Gas Shortage		
130	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22					
131	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11					
132	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	35	52	52	52					
133	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	70	113	113	113					
134	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	113	113	113	113					
135	Sirajgonj 6.55 MW Solar	Solar (NWP GCL)	1x6	6	6	0	0	6	0					
Rajshahi Zone Total				2129	2129	808	991	1214	1290	828	0			
136	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	Under Overhauling		
137	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	199	200	200	200	74		Coal shortage		
138	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			Condenser mode		
139	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	113	113	113	113					
140	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			Condenser mode		
141	Majipara, Tatulia 8 MW Solar PP (Sympa Power	Solar (IPP)	1 x 8	8	8	3	0	8	0					
	Energypac Power Venture Thakurgaon Ltd.	HFO (IPP)				33	0	0	0					
Rangpur Zone Total				685	605	348	313	321	313	159	85			
Sub-total: Plants in operation				21471	20985	8698.0	9596	11870	12580	4644	2417			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8213	9061	11208	11879					
(B) Plants under long term maintenance/ contract expired														
142	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0			Forced Outage		
143	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	0	0	0	0	0			Contract Expired		
144	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	0	0	0	0	0					
145	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	0	0	0	0	0			Contract Expired on 12/11/2020		
146	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	0	0	0	0	0			Contract Expired on 07/05/2021		
147	Khulna 115 MW PP (KPCL-2)	HFO (QRPP)	7x17	115	0	0	0	0	0			Contract Expired on 31/05/2021		
148	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0			Contract Expired on 11/01/2022		
Sub-Total: Plants under long term maintenance/ contract expired				595	50	0	0	0	0					
Gross Total				22066	21035	8698	9596	11870	12580	4644	2417			
(C)														
Actual data of 10.02.22 (Yesterday) Thursday :														
01.	Max. Demand at eve. peak (Generation end)	:	9596.00	MW,	at = 19:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand at eve. peak (Sub-station end)	:	9061.00	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)	:	9596.00	MW,	at = 19:00 hrs	Dhaka	3290	3290	0	Mymensingh	798	798	0	
04.	Minimum Generation (Generation end)	:	5950.00	MW,	at = 5:00 hrs		1036	1036	0	Sylhet	302	302	0	
05.	Day-peak Generation (Generation end)	:	8698.00	MW,	at = 12:00 hrs	Chattogram	1093	1093	0	Barishal	240	240	0	
06.	Evening-peak Generation (Generation end)	:	9596.00	MW,	at = 19:00 hrs	Khulna	1093	1093	0	Rangpur	651	651	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at = 19:00 hrs	Rajshahi	908	908	0					
08.	Minimum Generation Forecast up to 8:00 hrs.	:	5954.00	MW,	at = 5:00 hrs	Cumilla	743	743	0					
09.	Generation shortfall at evening peak due to :	:				13.	Fuel cost :			Total	9061	9061	0	
	a) Gas limitation	:	4301	MW	13.			Fuel cost :	(a) Gas = 97089919 Taka		(c) Coal = 67242243 Taka		Taka	
	d) Coal supply Limitation	:	159	MW					(b) Oil = 385255200 Taka		Total = 549587362 Taka		Taka	
	b) Low water level in Kaptai lake	:	184	MW										
	c) Plants under shut down/ maintenance	:	2417	MW		14.	Maximum Temperature in Dhaka was : 20.7° C							
10.	Total Energy (Generation + India Import)	:	190.49	MKWh		15.	Export through East-West interconnections :							
	By Gas = 96.143 MKWH		By Oil = 58.837 MKWh				At evening peak-hour		:	-156	MW,	at 19:00 hrs		