

**Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation
Tel: 9564667, 9551095

Month September, 2021										Day : Friday		Date : 24.09.21	
Probable Maximum Demand : 12500 MW				Probable Maximum Generation : 14729 MW				Rule Curve = 104.32 ft.					
Water Level of Kaptai Lake at 06:00 AM										Yesterday = 106.68 ft		Today = 106.62 ft	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.09.21 (Yesterday)		24.09.21 (Today)		23.09.21 (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	Probable start-up date
(A) Plants in operation:													
1	Ghorasal Repowered CAPP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0	260	Under project work		
2	a) Ghorasal Repowered CAPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under project work		
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Gas shortage		
3	Ghorasal 365 MW CAPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	310	310	310	310	126			
4	Ghorashal 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	CB Problem		
6	Harijpur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20	Gas Shortage		
7	Harijpur 360MW CAPP(HPL)	Gas (IPP)	1x235+1x125	360	360	243	247	280	300	113	Gas Shortage		
8	Meghnaghat 450 MW CAPP(MPL)	Gas (IPP)	2x140+1x170	450	450	280	280	280	280	170	Gas Shortage		
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Under overhauling		
10	Harijpur 412 MW CAPP	Gas (EGCB)	1x273+1x139	412	412	395	396	412	412	16			
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	324	321	334	335				
13	Meghnaghat CAPP(Summit)	GAS (IPP)	2x110+1x110	305	305	260	300	305	305				
14	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55				
15	Keraniganj 100 MW PP (Powerpac)	HFO (ORPPP)	8x13.45	100	100	50	63	60	63				
16	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	93	102	100	102				
17	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	21	21	22	22				
18	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	45	46	45	47				
19	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
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	53	105	52	100				
23	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	26	150	149	149				
24	Kamalghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	17	17	17				
25	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	273	296	280	300				
26	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	149	149	149	149				
27	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	100	300				
28	Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	25	100	100				
29	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	101	50	100				
30	Nababganj 55 MW PP (Southern pow)	HFO (IPP)	3x19.3	55	55	35	53	55	55				
31	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	17	55	55	55				
32	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	94	94	94	94				
33	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	144	144	162	162				
34	Manikganj 35MW Solar PP (Inspectra)	Solar (IPP)	1x35	35	35	31	0	30	0				
Dhaka Zone Total													
35	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	166	164	163	165	40	Unit 2 under overhauling		
36	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	120	120	120	120	60	Gas Shortage		
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage		
37	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	5	0	5	0				
38	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25				
39	Teknaf 20MW PP (SolarTech)	Solar (IPP)	1x20	20	20	7	0	20	0				
40	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	47	50	50	50				
41	Sikalbaha 105 MW PP (Baraka Sikaliba)	HFO (IPP)	6x18.415	105	105	90	90	90	90				
42	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150	Under maint.		
43	Sikalbaha 225 MW CAPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225	HGPI awaiting for purchase committee approval		
44	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	306	306	300	300				
45	Juldah 100 MW Unit-1 (Acorn)	HFO (ORPPP)	8x13.45	100	100	92	100	100	100				
46	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	76	76	75	76				
47	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	68	0	68				
48	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0		Environment Issue		
49	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	19	20	21				
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			2	9	20	30				
50	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	13	86	85	86				
51	Sikalbaha 54 MW PP(Jodioc Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	54	54	54				
52	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	67	110	110	110				
53	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	100	100	100	100				
54	Chattogram 116 MW PP (Anima Ener)	HFO (IPP)	6x21.06	116	116	80	108	116	116				
Chattogram Zone Total													
55	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		
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	23	23	23	23				
57	Ashuganj 225 MW CAPP	Gas (APSCL)	1x142+1175	221	221	210	210	210	210				
58	Ashuganj 450 MW CAPP(South)	Gas (APSCL)	1x360	360	360	285	285	300	300				
59	Ashuganj 450 MW CAPP(North)	Gas (APSCL)	1x361	360	360	300	275	300	300				
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	55	52	55	55				
61	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	26	26	26	26	169	Gas shortage		
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	43	43				
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	128	135	135	135				
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	50	0	50				
65	Chandpur 150 MW CAPP	Gas (PDB)	1X106+1x57	163	163	140	141	140	140				
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	157	200	200	200				
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22				
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33				
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	39	52	52	52				
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	17	20	20	20				
72	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	89x1.4+80x1.515+15x1.059	200	200	0	100	150	200				
73	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	83	114	114	114				
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	51	94	90	94				
75	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	17	17	17	17				
**	Imphort (Tripura)	India		160	160	126	160	138	164				
Cumilla Zone Total													
76	RPCL 210MW CAPP	Gas (IPP)	4x35+1x70	210	202	104	145	140	160	57	Gas Shortage		
77	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22				
78	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	0	8	8		Dependable cap. : 8MW		
79	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	115	115	115				
80	Mymensingh 200 MW PP (Lited)	HFO (IPP)	21x9.780	200	200	160	176	175	180				
81	Sarshabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	2	0	1.6	0				
82	Sutakhal 50 MW Solar PP	Solar (IPP)	1x50	50	50	52	0	50	0				
83	Tangail 22 MW PP(PPL)	HFO (IPP)	4x6.7	22	22	22	22	22	22				
Mymensingh Zone Total													
717 709 474 477 534 507 57 0													

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.09.21 (Yesterday)		24.09.21 (Today)		23.09.21 (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)		
84	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	44	44	43	44		26	GT1 Load gear problem	
85	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	0		90	Under maint.	
86	Fenchugonj 51 MW PP (Barakatalullah)	Gas (RPP)	19x2.90	51	51	47	46	51	51				
87	Kushira 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
88	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	0	0	0	0	66		Gas Shortage	
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	155	156	160	160	174		Gas Shortage	
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	78	78	75	78				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	221	220	220	220				
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	0	0	20		Gas Shortage	
94	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	0	0	0				
95	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24				
96	Bibiya-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	290	341	341				
97	Bibiya-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	316	316	316	316				
98	Bibiya South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	320	320	320	320				
99	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0		100	Under project work	
Sylhet Zone Total				2422	2377	1666	1668	1724	1728	260	116		
100	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
101	Bheramara 410 MW CCPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	245	265	350	410				
102	Fairdipor 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	32	0	32			Line Overload	
103	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	40			Line Overload	
104	Khulna 225 MW CCPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	145	230	225	225				
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	50	100				
106	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	53	88	88	88				
107	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	0	100	100			Line Overload	
**	Bheramara (HVDC)	India	1000	1000	1000	712	711	729	729				
Khulna Zone Total				2133	2129	1155	1426	1542	1724	0	0		
108	Bansal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	110	110			Line Overload	
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	18	31	33	33				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	87	87	87	87		107	Arrival of GT2 HGPI experts released due to covid 19	
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1x1x96	95	95	11	12	12	12				
112	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	360	530	622	622		714	Line Overload	
113	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	17	0	150				
114	Bhola 220MW CCPP (Nutan Bidyut BI)	Gas/HSD (IPP)	2x75+1x70	220	220	220	219	220	220				
Barishal Zone Total				2046	2046	696	896	1094	1234	0	821		
115	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	
116	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	50	50				
117	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
118	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	36	30	36				
119	Amnura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	0	27	27	27				
120	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	93	90	94				
121	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	35	0	35				
122	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	43	0	43				
123	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	33	0	33				
124	Sirajgonj 225MW CCPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
125	Sirajgonj 225MW CCPP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	173	182	200	220	38		Gas Shortage	
126	Sirajgonj 225MW CCPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	186	190	200	220				
127	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	398	408	400	400				
128	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	21	22	22				
129	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	16	52	52	52				
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	113	113	113	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	113	113	113	113				
133	Sirajgonj 6.55 MW Solar	Solar (NWP/GCL)	1x6	6	6	2	0	6	0				
Rajshahi Zone Total				2179	2179	1033	1407	1514	1669	419	0		
134	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	79	78	80	80	7		Coal Shortage	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	
135	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	0	0	0	0		274	Under maint.	
136	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	15				
137	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	107	108	113	113				
138	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
139	Majpara, Tatula 8 MW Solar PP (Sympa Pow)	Solar (IPP)	1 x 8	8	8	4	0	8	0				
Rangpur Zone Total				685	605	190	186	201	218	7	359		
Sub-total: Plants in operation				21435	21021	11229.0	13052	13744	14729	2361	2513		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						10730	12472	13133	14074				
(B) Plants under long term maintenance/ contract expired													
140	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0				
141	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0				
142	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	0	0	0	0	0			Contract Expired	
143	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	0	0	0	0	0				
144	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	0	0	0	0	0			Contract Expired on 12/11/2020	
145	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	0	0	0	0	0			Contract Expired on 07/05/2021	
146	Khulna 115 MW PP (KPCL-2)	HFO (QRPP)	7x17	115	0	0	0	0	0			Contract Expired on 31/05/2021	
Sub-Total: Plants under long term maintenance/ contract expired				596	159	0	0	0	0				
Gross Total				22031	21180	11229	13052	13744	14729	2361	2513		
(C) Actual data of 23.09.21 (Yesterday) Thursday :													
01.	Max. Demand at eve. peak (Generation end)	: 13052.00 MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand at eve. peak (Sub-station end)	: 12472.00 MW, at = 19:30 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	: 13052.00 MW, at = 19:30 hrs		Dhaka	4557	4557	0	Mymensingh	974	974	0		
04.	Minimum Generation (Generation end)	: 9408.00 MW, at = 7:00 hrs		Chattogram	1331	1331	0	Sylhet	558	558	0		
05.	Day-peak Generation (Generation end)	: 11229.00 MW, at = 12:00 hrs		Khulna	1485	1485	0	Barishal	366	366	0		
06.	Evening-peak Generation (Generation end)	: 13052.00 MW, at = 19:30 hrs		Rajshahi	1253	1253	0	Rangpur	735	735	0		
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:30 hrs		Cumilla	1213	1213	0						
08.	Minimum Generation Forecast up to 8:00 hrs.	: 9117.00 MW, at = 5:00 hrs											
09.	Generation shortfall at evening peak due to :												
	a) Gas limitation	: 2354 MW											
	d) Coal supply Limitation	: 7 MW											
	b) Low water level in Kaptai lake	: 0 MW											
	c) Plants under shut down/ maintenance	: 2513 MW											
10.	Total Energy (Generation + India Import)	: 273.30 MKWh		13.	Fuel cost :			Total		12472	12472	0	
	By Gas = 150.319 MKWh	By Oil = 84.951 MKWh			(a) Gas = 151425885 Taka	(c) Coal = 60307353 Taka							
	By Coal = 13.033 MKWh	By Hydro = 3.909 MKWh			(b) Oil = 635078152 Taka	Total = 846811389 Taka							
	By Solar = 0.768 MKWh												
11.	Total Gas Supplied	: 1125.10 MCFD		14.	Maximum Temperature in Dhaka was :			34.3° C					
					Export through East-West interconnections :								
					At evening peak-hour			-134 MW, at 19:30 hrs					
					Maximum			-256 MW, at 18:30 hrs					