

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 3564667, 9551095

Month September, 2023					Day : Thursday				Date : 28.09.23						
Probable Maximum Demand : 14500 MW					Probable Maximum Generation : 16878 MW				Rule Curve = 105.28 ft.						
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 107.77 ft		Today = 107.96 ft		28.09.23 (Today)		27.09.23 (Yesterday)		Status of Machines under shut-down/ Maintenance		
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.09.23 (Yesterday)		28.09.23 (Today)		27.09.23 (Yesterday)		28.09.23 (Today)		Description/ Remarks	Probable start-up date	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for : Gas/Coal/Water Limitation MW	Machines shut down (MW)					
(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 b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	180	150	150	150	150						
3	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0			190	Gas Shortage		
4	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	52	22	53	53						
5	Tong 80 MW GTTP	Gas (PDB)	1 x 105	105	105	0	0	0	0			105	Gas Shortage		
6	Haripur GTTP	Gas (PDB)	1 x 32	32	20	0	0	0	0						
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	332	327	330	330						
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	390	450	450						
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	397	409	412	412						
11	Siddhirgonj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	40	40			210	Gas Shortage		
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	160	188	0	0						
13	Meghnaghat 335MW CCPP(Summit)	Gas (IPP)	2x110+1x110	335	335	276	281	310	310						
14	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	15	24	15	55						
15	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	20	92	102	102						
16	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	17	19	20	20						
17	Summit Power(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	37	37	38	38						
18	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25						
19	Ruggan 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	14	28	30	30						
20	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	8	25	8	25						
21	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	52	105	35	105						
22	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	64	149	48	149						
23	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	35	17	35						
24	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	30	95	300	300						
25	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	17	134	17	149						
26	Nababganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	17	55	55	55						
27	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	17	35	35	35						
28	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	17	72	54	72						
29	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	35	126	54	126						
30	Manikganj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	31	0	35	0						
31	Kanchan Purbachal Power Generation Ltd.	HFO (IPP)	3x19.404	55	55	34	54	17	54						
32	Siddhirgonj 100 MW PP(Dutch Bangla)	HFO (NENP)	12x8.9	100	100	10	90	92	92						
33	Meghnaghat 100 MW(IEI)	HFO (NENP)	12x8.9	100	100	0	16	72	82						
34	Madanganj 102 PP(Summit)	HFO (NENP)	6x17	102	102	17	80	85	85						
35	Keraniganj 100 MW PP (Powerpac)	HFO (NENP)	8x13.45	100	75	0	0	55	55						
	Meghnaghat Unique Power	Gas				0	0	0	0						
	Meghnaghat 589 MW CCPP(Summit)	Gas				0	0	0	0						
Dhaka Zone Total				5604	5422	2281	3063	2954	3434		295	585			
36	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	201	201	196	196						
37	a) Chattogram TPP-1 b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	98	105	100	100			180	Under maint.		
38	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	5	0	5	0						
39	Razzan 25 MW PP	HFO (RPCL)	3x8.9	25	25	8	17	8	17						
40	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	17	0	20	0						
41	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	6	40	6	40						
42	Sikalbaha 105 MW PP (Baraka Sikabaha)	HFO (IPP)	6x18.415	105	105	51	51	51	51						
43	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0			150	Under maint.		
44	Sikalbaha 225 MW CAPP	Gas (PDB)	1 x 150+1 x 75	225	225	218	219	225	225						
45	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	70	190	120	285						
46	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	37	45	25	50						
47	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	17	0	0						
48	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	32	71	40	71						
49	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	9	9	11	11						
	* Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			6	15	15	35						
50	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	0	0						
51	Sikalbaha 54 MW PP(Jodiad Power)	HFO (IPP)	3x18.55+1x3.6	54	54	17	54	17	54						
52	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	45	55	55	55						
53	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	25	50	38	63						
54	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	58	58	70	70						
55	Chattogram 116 MW PP (Anima Energy Ltd.)	HFO (IPP)	6x21.06	116	116	34	51	34	51						
56	Mirsharai 150 MW	HFO (BRPgen)	9x18.5	163	163	0	17	54	150						
	SS Power Unit-1	Coal (IPP)				350	350	350	350				Test run		
	Matarbari 2*600 MW (CPGCL)	Coal				556	556	600	600				Test run		
	Cox's Bazar Wind PP	(Wind) (IPP)				1	0	10	20						
Chattogram Zone Total				2605	2545	1844	2171	2050	2494		0	330			
57	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	49	49	50	50						
58	Ashuganj 225 MW CAPP	Gas (APSCCL)	1x142+1*75	221	221	205	180	200	200						
59	Ashuganj 450 MW CAPP(South)	Gas (APSCCL)	1x360	360	360	270	280	330	330						
60	Ashuganj 450 MW CAPP(North)	Gas (APSCCL)	1x361	360	360	280	290	330	330						
61	Ashuganj 420 MW CAPP(East)	Gas (APSCCL)	1x284+1x116	400	400	0	0	0	0			400	Under maint.		
62	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20*9.73+1*116	195	195	90	135	108	145						
63	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	50						
64	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	43	50	150						
65	Titao 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	31						
66	Chandpur 150 MW CAPP	Gas (PDB)	1x106+1x57	163	163	0	0	0	0			163	Under maint.		
67	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	29	17	68	85						
68	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	18	18	18						
69	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	10	10	10						
70	Jangalia 33 MW PP (Summit))	Gas (SIPP, PDB)	4x8.73	33	33	25	33	33	33						
71	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	52	52	52						
72	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	12	12	12						
73	Feni 114 MW (Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	17	88	105	105						
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	15	87	27	85						
75	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	17	35	17	34						
76	Chandpur 115MW PP (Doreen)	HFO (IPP)	4x18.516+2x25.428	115	115	53	53	34	50						
**	Import (Tirupura)	India		160	160	136	156	149	165						
Cumilla Zone Total				2904	2896	1283	1589	1644	1935		0	563			
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	12	32	43	43		170	Gas Shortage			
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	18	18	18						
79	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	37	85	37	104						
80	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	115	162	115	160						
81	Sarishabani 3 MW Solar Plant	Solar (IPP)	1x3	3	3	2	0	1.6	0						
82	Sutiakhal 50 MW Solar PP	Solar (IPP)	1x50	50	50	43	0	50	0						
83	Tangail 22 MW PP(PPL)	HFO (IPP)	4x6.7	22	22	18	18	18	18						
Mymensingh Zone Total				622	614	245	315	283	343		170	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.09.23 (Yesterday)		28.09.23 (Today)		27.09.23 (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/Coal/oil/Water Limitation MW	Machines shut down (MW)		
84	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	42	43	43	43		27	GT-1 Under maint.	
85	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	40	40		60	GT-4 Under maint.	
86	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	50	50	50				
87	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	112	112	112	112		54	ST Under maint.	
88	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	8	11	11				
89	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	0	0	0	0	66		Gas Shortage Under maint.	
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330		
91	Shahjibazar 66MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	75	84	86	86				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	184	183	185	185				
93	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	16	17	17	17				
94	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
95	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	8	8	8	8				
96	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	305	290	300	300				
97	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	406	390	400	400				
98	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	385	0	380	380				
99	Shahjibazar 100 MW GTTP	Gas (PDB)	1x100	100	100	0	0	0	0		100	Under project work	
100	Fenchuganj 44MW (Energyprima)	Gas (NENP)	12'3.3-5'2	50	50	45	44	40	46				
Sylhet Zone Total				2472	2427	1679	1269	1682	1688	66	571		
101	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
102	Bheramara 410 MW CCPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Gas Shortage	
103	Fardipur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	26	25	40				
104	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	20	0	40				
105	Khulna 225 MW CCPP	HSD/ Gas (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	0				
106	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	17	54	54	72				
107	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	15	100	100				
108	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	92	0	100	0				
109	Khulna 115 MW PP (KPCCL-2)	HFO (NENP)	7x17	115	115	0	32	32	82				
110	Noapara 40 MW PP (Khanjahan Ali)	HFO (NENP)	5x8.5	40	40	0	16	0	16				
111	Maitree Super Thermal 1320 MW PP (U-1)	Coal (BIP/GCL)	1x617	617	617	524	520	520	520				
112	Khulna 330 MW CCPP (GT)	Gas/HSD (BPDB)	1x220	220	220	0	0	0	0				
**	Bheramara (H/VDC)	India		1000	1000	901	774	938	938				
Khulna Zone Total				3125	3121	1534	1457	1769	1808	410	0		
113	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	16	16	110				
114	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	40	21	28	23	25				
115	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	69	134	65	65				
116	Payra 1320 MW TTP	Coal (BCPCL)	2x622	1244	1244	1050	1200	1244	1244				
117	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	17	35	150				
118	Barisal Electric 307 MW	Coal (IPP)	1x307	307	307	200	307	300	300				
119	Bhola 220MW CCPP (Nutan Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	220	220	220	220				
Barishal Zone Total				2265	2265	1560	1922	1903	2114	0	0		
120	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	Under maint.	
121	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	32	0	38				
122	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	0	0				
123	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	18	0	0				
124	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	63	50	91				
125	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	40	30	40				
126	Katakhali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	8	34	42				
127	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	32	24	32				
128	Sirajgonj 225MW CCPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	150	195	150	180				
129	Sirajgonj 225MW CCPP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
130	Sirajgonj 225MW CCPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	150	137	140	140	83		Gas Shortage	
131	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	360	370	360	400	44		Gas Shortage	
132	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8				
133	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	8	0	52				
134	Bagura 113 MW (Confidence) U-1	HFO (IPP)	6'18.55	113	113	0	113	35	113				
135	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	0	94	90	90				
136	Amnara 50 MW PPI(Sinha)	HFO (NENP)	7x7.79	50	28	0	14	28	28				
137	Sirajgonj 6.55 MW Solar	Solar (NWP/GCL)	1x6	6	6	5	0	6	0				
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	1155	1362	1300	1400				
Rajshahi Zone Total				3653	3631	1828	2494	2255	2654	418	100		
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	Under Overhauling	
139	Barapukuria 275 MW TTP Unit-3	Coal (PDB)	1 x 274	274	274	180	180	180	180				
140	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	14	0	0				
141	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7'16x 2'3	113	113	0	106	35	113				
142	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
143	Maipara, Tatalia 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	7	0	8	0				
144	Thakurgaon 115MW PP (Energypac)	HFO (IPP)	6'20	115	115	0	113	35	115				
145	Lalmohithai 30 MW Solar (Intraco)	Solar (IPP)	1'30	30	30	21	0	30	0				
146	Treesta Solar Limited	Solar (IPP)	1 x 200	200	200	199	0	130	0				
Rangpur Zone Total				1030	950	407	413	418	408	85	85		
Sub-total: Plants in operation				24280	23871	12661.0	14693	14958	16878	1444	2234		
(B) Plants under long term maintenance/ contract expired													
147	Jamalpur 95 MW PPI(Powerpac)	HFO (IPP)	12x8.924	95	0	0	0	0	0				
148	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	0	0	0	0	0				
149	Bosilla 108MW PPI(CLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0				
150	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	0	0	0	0	0				
151	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	0	0	0	0	0				
Sub-Total: Plants under long term maintenance/ contract expired				351	0	0	0	0	0	0	0		
Gross Total				24611	23871	12661	14693	14958	16878	1444	2234		
(C) Actual data of 27.09.23 (Yesterday) Wednesday :													
01.	Max. Demand at eve. peak (Generation end)	:	14900 MW, at =	20:00 hrs									
02.	Max. Demand at eve. peak (Sub-station end)	:	14328 MW, at =	20:00 hrs									
03.	Highest Generation (Generation end)	:	14693 MW, at =	20:00 hrs									
04.	Minimum Generation (Generation end)	:	11405 MW, at =	7:00 hrs									
05.	Day-peak Generation (Generation end)	:	12661 MW, at =	12:00 hrs									
06.	Evening-peak Generation (Generation end)	:	14693 MW, at =	20:00 hrs									
07.	Evening Peak Load-shed (Sub-station end)	:	198 MW, at =	20:00 hrs									
08.	Minimum Generation Forecast up to 8:00 hrs.	:	11348 MW, at =	5:00 hrs									
09.	Generation shortfall at evening peak due to :	:											
	a) Gas/LF limitation	:	1359 MW										
	d) Coal supply Limitation	:	85 MW										
	b) Low water level in Kaptai lake	:	0 MW										
	c) Plants under shut down/ maintenance	:	2234 MW										
10.	Total Energy (Generation + India Import)	:	313.30 MMCFD										
	By Gas =	142.285 MKWH	By Oil =	36.579 MKWH									
	By Coal =	102.549 MKWH	By Hydro =	4.896 MKWH									
	By Solar =	2.533 MKWH											
11.	Total Gas Supplied	:	1063.43 MMCFD										
(D) Forecast of 28.09.23 (Today) Thursday :													
01.	Maximum Demand	:	14500 MW (Generation end)										
02.	Maximum Generation	:	16878 MW (Generation end)										
03.	Reserve / Shortage	:	2378 MW (Generation end)										
12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :												
	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW					