

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 3564667, 9551095

Month September, 2023					Day : Wednesday				Date : 27.09.23			
Probable Maximum Demand : 15000 MW					Probable Maximum Generation : 17046 MW				Rule Curve = 105.04 ft.			
Water Level of Kapitai Lake at 06:00 AM					Yesterday = 107.83 ft		Today = 107.77 ft		27.09.23		26.09.23	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.09.23 (Yesterday)		27.09.23 (Today)		26.09.23 (Yesterday)		27.09.23 (Today)	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
					Day	Evening	Day	Evening	Gas/Coal/Water 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	150	150	155	155			
	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	0	0	0	0			
4	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	53	52	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 CAPP(HPL)	Gas (IPP)	1x235+1x125	360	360	322	332	330	330			
8	Meghnaghat 450 MW CAPP(MPL)	Gas (IPP)	2x140+1x170	450	450	450	450	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	405	414	412	412			
11	Siddhirgonj 2*120 MW GTTP	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	308	160	200	210			
13	Meghnaghat 335MW CAPP(Summit)	Gas (IPP)	2x110+1x110	335	335	310	289	310	310			
14	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	15	30	15	55			
15	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	40	91	102	102			
16	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	20	20	20			
17	Summit Power(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	38	35	38	38			
18	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25			
19	Rugganji 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	28	14	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	88	35	88			
22	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	48	142	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	38	145	300	300			
25	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	17	120	17	149			
26	Nababganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	35	35	35	35			
27	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	35	35	35			
28	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	18	72	54	72			
29	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	54	90	54	108			
30	Manikganj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	35	0	35	0			
31	Kanchan Purbachal Power Generation Ltd.	HFO (IPP)	3x19.404	55	55	34	54	17	54			
32	Siddhirganj 100 MW PP(Dutch Bangla)	HFO (NENP)	12x8.9	100	100	0	8	92	92			
33	Meghnaghat 100 MW(IEI)	HFO (NENP)	12x8.9	100	100	0	0	72	82			
34	Madanganj 102 PP(Summit)	HFO (NENP)	6x17	102	102	17	85	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 CAPP(Summit)	Gas				0	0	0	0			
Dhaka Zone Total				5604	5422	2571	2996	3119	3574	295	585	
36	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	200	202	196	196			
37	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	100	103	100	100		180	Under maint.
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0			
38	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4	0	5	0			
39	Razzan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	17	8	17			
40	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	13	0	20	0			
41	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	40	6	40			
42	Sikalbaha 105 MW PP (Baraka Sikabaha)	HFO (IPP)	6x18.415	105	105	24	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	214	225	225	225			
45	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	60	282	120	285			
46	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	37	50	25	50			
47	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	0	0			
48	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	71	40	64			
49	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	9	11	11	11			
	* Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			5	14	7	25			
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	34	55	55	55			
53	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	0	50	38	63			
54	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	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	0	54	150			
	SS Power Unit-1	Coal (IPP)				612	550	350	350			Test run
	Matarbari 2*600 MW (CPGCL)	Coal				0	42	600	600			Test run
	Cox's Bazar Wind PP	(Wind) (IPP)				0	0	10	20			
Chattogram Zone Total				2605	2545	1363	1926	2042	2477	0	330	
57	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	47	48	50	50			
58	Ashuganj 225 MW CAPP	Gas (APSCCL)	1x142+1*75	221	221	187	208	200	200			
59	Ashuganj 450 MW CAPP(South)	Gas (APSCCL)	1x360	360	360	310	270	330	330			
60	Ashuganj 450 MW CAPP(North)	Gas (APSCCL)	1x361	360	360	320	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	86	145	78	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	2	107	50	150			
65	Titas 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	68	86	68	85			
68	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	0	18	18			
69	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	10	10	10	10			
70	Jangalia 33 MW PP (Summit))	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
71	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	25	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	105	105	105			
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	31	86	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	52	52	34	50			
**	Import (Tirupura)	India		160	160	154	152	149	165			
Cumilla Zone Total				2904	2896	1438	1742	1614	1935	0	563	
77	RPCL 210MW CAPP	Gas (IPP)	4x35+1x70	210	202	28	30	43	43	172		Gas Shortage
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	18	18			
79	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	56	94	37	104			
80	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	98	153	115	159			
81	Sarishabani 3 MW Solar Plant	Solar (IPP)	1x3	3	3	1	0	1.6	0			
82	Sutiakhal 50 MW Solar PP	Solar (IPP)	1x50	50	50	24	0	50	0			
83	Tangail 22 MW PP(PPL)	HFO (IPP)	4x6.7	22	22	13	18	18	18			
Mymensingh Zone Total				622	614	220	295	283	342	172	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.09.23 (Yesterday)		27.09.23 (Today)		26.09.23 (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	40	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	47	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	5	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 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	78	86	86	86				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	184	182	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	295	260	300	300				
97	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	403	409	400	400				
98	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	379	397	400	400				
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	47	47	40	46				
Sylhet Zone Total				2472	2427	1660	1656	1702	1708	66	571		
101	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
102	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Gas Shortage	
103	Fairdipor 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	25	40				
104	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	40				
105	Khulna 225 MW CCPP	HSD/ Gas (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
106	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	6	41	54	72				
107	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	15	100	100				
108	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	99	0	100	0				
109	Khulna 115 MW PP (KPCCL-2)	HFO (NENP)	7x17	115	115	16	82	32	82				
110	Noapara 40 MW PP (Khanjahan Ali)	HFO (NENP)	5'8.5	40	40	0	8	0	16				
111	Maitree Super Thermal 1320 MW PP (U-1)	Coal (BIPCL)	1x617	617	617	520	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	909	778	938	938				
Khulna Zone Total				3125	3121	1550	1444	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	23	28	23	25				
115	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	66	62	65	65				
116	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	1040	1232	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	150	307	300	300				
119	Bhola 220MW CCPP (Nutan Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	223	220	220	220				
Barishal Zone Total				2265	2265	1502	1882	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	38	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	0	0	0				
124	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	40	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	0	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 (NWPGL)	1x150+1x75	210	210	140	181	150	180				
129	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
130	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	130	186	150	180				
131	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	330	360	360	400	54		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	0	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)	6'18.55	113	113	0	90	90	90				
136	Amnara 50 MW PPI(Sinha)	HFO (NENP)	7x7.79	50	28	0	0	28	28				
137	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	5	0	6	0				
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	1164	1216	1300	1400				
Rajshahi Zone Total				3653	3631	1777	2304	2265	2694	345	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 TPP 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	0	0	0				
141	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7'16x 2'3	113	113	0	99	35	99				
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	108	35	115				
145	Lalmohona 30 MW Solar (Intraco)	Solar (IPP)	1'30	30	30	34	0	30	0				
146	Teesa Solar Limited	Solar (IPP)	1 x 200	200	200	127	0	130	0				
Rangpur Zone Total				1030	950	348	387	418	394	85	85		
Sub-total: Plants in operation				24280	23871	12429.0	14632	15115	17046	1373	2234		
(B) Plants under long term maintenance/ contract expired													
147	Jamailpur 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	Bosila 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	12429	14632	15115	17046	1373	2234		
(C) Actual data of 26.09.23 (Yesterday) Tuesday :													
01.	Max. Demand at eve. peak (Generation end)	:	14750 MW, at =	20:00 hrs									
02.	Max. Demand at eve. peak (Sub-station end)	:	14134 MW, at =	20:00 hrs									
03.	Highest Generation (Generation end)	:	14632 MW, at =	20:00 hrs									
04.	Minimum Generation (Generation end)	:	10877 MW, at =	7:00 hrs									
05.	Day-peak Generation (Generation end)	:	12429 MW, at =	12:00 hrs									
06.	Evening-peak Generation (Generation end)	:	14632 MW, at =	20:00 hrs									
07.	Evening Peak Load-shed (Sub-station end)	:	113 MW, at =	20:00 hrs									
08.	Minimum Generation Forecast up to 8:00 hrs.	:	11405 MW, at =	5:00 hrs									
09.	Generation shortfall at evening peak due to :	:											
	a) Gas/LF limitation	:	1288 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)	:	305.54 MCKWh										
	By Gas =	144.039 MCKWh	By Oil =	35.295 MCKWh									
	By Coal =	93.612 MCKWh	By Hydro =	4.652 MCKWh									
	By Solar =	2.813 MCKWh											
11.	Total Gas Supplied	:	1086.75 MMCFD										
(D) Forecast of 27.09.23 (Today) Wednesday :													
01.	Maximum Demand	:	15000 MW	(Generation end)									
02.	Maximum Generation	:	17046 MW	(Generation end)									
03.	Reserve / Shortage	:	2046 MW	(Generation end)									
04.	Maximum Load-shed	:	0 MW	At evening peak (Sub-station end)									
05.	Total Generation	:	313.22 MCKWh										
06.	Probable Max. Temperature in Dhaka :	:	32.5°C		</								