

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 3564667, 9551095

Month September, 2023					Day : Friday				Date : 29.09.23															
Probable Maximum Demand : 14700 MW					Probable Maximum Generation : 17091 MW					Rule Curve = 105.52 ft.														
Water Level of Kapitai Lake at 06:00 AM					Yesterday = 107.96 ft		Today = 108.12 ft		29.09.23		28.09.23		29.09.23		28.09.23		29.09.23		28.09.23		29.09.23			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.09.23 (Yesterday)		29.09.23 (Today)		28.09.23 (Yesterday)		29.09.23 (Today)		28.09.23 (Yesterday)		29.09.23 (Today)		28.09.23 (Yesterday)		29.09.23 (Today)		28.09.23 (Yesterday)			
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Actual Peak Generation (MW)		Probable Peak Generation (MW)		Actual Peak Generation (MW)		Probable Peak Generation (MW)		Actual Peak Generation (MW)		Probable Peak Generation (MW)		Actual Peak Generation (MW)		Probable Peak Generation (MW)	
					Day	Evening	Day	Evening	Day	Evening	Day	Evening	Day	Evening	Day	Evening	Day	Evening	Day	Evening	Day	Evening	Day	Evening
(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	150	150															
	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	42	42	42	42															
5	Tong 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															
7	Haripur 360MW CAPP(HPL)	Gas (IPP)	1x235+1x125	360	360	320	327	330	330															
8	Meghnaghat 450 MW CAPP(MPL)	Gas (IPP)	2x140+1x170	450	450	450	420	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	366	398	412	412															
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	129	160	160	160									50					Gas Shortage	
12	Siddhirgonj 335 MW CAPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0															
13	Meghnaghat 335MW CAPP(Summit)	Gas (IPP)	2x110+1x110	335	335	293	272	310	310															
14	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	15	55	55															
15	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	0	16	50	102															
16	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	11	19	20	20															
17	Summit Power(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	33	37	38	38															
18	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25															
19	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	29	29	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	35	105	35	105															
22	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	64	148	98	149															
23	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	54	17	35															
24	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	15	300	300															
25	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	17	116	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	35	35	35	35															
28	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	7	43	54	72															
29	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	13	126	54	126															
30	Manikganj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	33	0	35	0															
31	Kanchan Purbachal Power Generation Ltd.	HFO (IPP)	3x19.404	55	55	17	17	17	54															
32	Siddhirgonj 100 MW PP(Dutch Bangla)	HFO (NENP)	12x8.9	100	100	0	14	88	88															
33	Meghnaghat 100 MW(IEI)	HFO (NENP)	12x8.9	100	100	0	9	82	82															
34	Madanganj 102 PP(Summit)	HFO (NENP)	6x17	102	102	0	31	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	2094	2703	3107	3539	295	425												
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	Gas (PDB)	1 x 210	210	180	105	100	100	100															
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0															
	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4	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	11	0	20	0															
41	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	6	6	40	40															
42	Sikalbaha 105 MW PP (Baraka Sikabaha)	HFO (IPP)	6x18.415	105	105	17	17	34	34															
43	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0															
44	Sikalbaha 225 MW CAPP	Gas (PDB)	1 x 150+1 x 75	225	225	215	219	225	225															
45	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	70	265	70	300															
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	16	17	17															
48	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	39	70	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			10	36	25	35															
50	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	0	0															
51	Sikalbaha 54 MW PP(Jodiach Power)	HFO (IPP)	3x18.55+1x3.6	54	54	17	53	17	54															
52	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	55	55	55	55															
53	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	25	50	25	50															
54	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	35	58	48	58															
55	Chattogram 116 MW PP (Anima Energy Ltd.)	HFO (IPP)	6x21.06	116	116	34	34	68	68															
56	Mirsharai 150 MW	HFO (BRPgen)	9x18.5	163	163	0	16	54	150															
	SS Power Unit-1	Coal (IPP)				400	551	612	612														Test run	
	Matarbari 2*600 MW (CPGCL)	Coal				276	270	600	600														Test run	
	Cox's Bazar Wind PP	(Wind) (IPP)				1	0	10	20															
Chattogram Zone Total					2605	2545	1575	2093	2305	2763	0	330												
57	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	45	48	50	50															
58	Ashuganj 225 MW CAPP	Gas (APSCCL)	1x142+1*75	221	221	192	172	200	200															
59	Ashuganj 450 MW CAPP(South)	Gas (APSCCL)	1x360	360	360	290	270	330	330															
60	Ashuganj 450 MW CAPP(North)	Gas (APSCCL)	1x361	360	360	300	280	330	330															
61	Ashuganj 420 MW CAPP(East)	Gas (APSCCL)	1x284+1x116	400	400	5	300	250	300															
62	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20*9.73+1*116	195	195	43	8	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	150	150															
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	30	0	31															
66	Chandpur 150 MW CAPP	Gas (PDB)	1x106+1x57	163	163	0	0	0	0															
67	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415</																					

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.09.23 (Yesterday)		29.09.23 (Today)		28.09.23 (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	29	30	30	30		60	GT-4 Under maint.	
86	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	44	50	50	50				
87	Kushiara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	80	80	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	
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330	Under maint.	
91	Shahjibazar 66MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	78	84	86	86				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	181	179	185	185				
93	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	17	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	310	280	300	300				
97	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	380	380	400	400				
98	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	370	387	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	40	47	40	46				
Sylhet Zone Total						2472	2427	1598	1600	1672	1678	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	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 (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	1	54	54	55				
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	84	0	100	0				
109	Khulna 115 MW PP (KPCCL-2)	HFO (NENP)	7x17	115	115	0	16	16	49				
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 (BIP/CLC)	1x617	617	617	521	573	520	520				
112	Khulna 330 MW CCPP (GT)	Gas/HSD (BPDB)	1x220	220	220	0	0	0	0				
**	Bheramara (H/VDC)	India		1000	1000	902	778	938	938				
Khulna Zone Total						3125	3121	1508	1444	1753	1758	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	33	23	25				
115	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	130	130	130	130				
116	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	1040	1210	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	250	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	1663	1933	1968	2179	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	0	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	0	50	91				
125	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	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 (NWP/GCL)	1x150+1x75	210	210	140	191	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	130	160	140	140	60		Gas Shortage	
131	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	320	414	360	400			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	16	0	52				
134	Bagura 113 MW (Confidence) U-1	HFO (IPP)	6'18.55	113	113	0	50	35	113				
135	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	0	50	35	92				
136	Amnara 50 MW PP(Sinha)	HFO (NENP)	7x7.79	50	28	0	28	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	1267	1414	1050	1050				
Rajshahi Zone Total						3653	3631	1870	2335	1950	2306	351	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	107	113	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	76	35	115				
145	Lalmohana 30 MW Solar (Intraco)	Solar (IPP)	1'30	30	30	36	0	30	0				
146	Treesta Solar Limited	Solar (IPP)	1 x 200	200	200	178	0	130	0				
Rangpur Zone Total						1030	950	401	363	496	408	85	85
Sub-total: Plants in operation						24280	23871	12235.0	14539	15410	17091	1368	1674
(B) Plants under long term maintenance/ contract expired													
147	Jamalpur 95 MW PP(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	12235	14539	15410	17091	1368	1674
(C) Actual data of 28.09.23 (Yesterday) Thursday :													
01.	Max. Demand at eve. peak (Generation end)	:	14700 MW, at =	21:00 hrs		12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand at eve. peak (Sub-station end)	:	14093 MW, at =	21:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	14539 MW, at =	21:00 hrs		Dhaka	4863	4863	0	Mymensingh	1234	1134	100
04.	Minimum Generation (Generation end)	:	11214 MW, at =	9:00 hrs		Chattogram	1355	1355	0	Sylhet	645	616	29
05.	Day-peak Generation (Generation end)	:	12235 MW, at =	12:00 hrs		Khulna	1736	1736	0	Barishal	475	475	0
06.	Evening-peak Generation (Generation end)	:	14539 MW, at =	21:00 hrs		Rajshahi	1485	1485	0	Rangpur	920	920	0
07.	Evening Peak Load-shed (Sub-station end)	:	154 MW, at =	21:00 hrs		Cumilla	1380	1355	25				
08.	Minimum Generation Forecast up to 8:00 hrs.	:	11153 MW, at =	5:00 hrs									
09.	Generation shortfall at evening peak due to :	:											
	a) Gas/LF limitation	:	1283 MW										
	d) Coal supply Limitation	:	85 MW										
	b) Low water level in Kaptai lake	:	0 MW										
	c) Plants under shut down/ maintenance	:	1674 MW										
10.	Total Energy (Generation + India Import)	:	312.48 MCKWh										
	By Gas =	139.286 MCKWh	By Oil =	36.827 MCKWh									
	By Coal =	104.215 MCKWh	By Hydro =	4.747 MCKWh									
	By Solar=	2.882 MCKWh											
11.	Total Gas Supplied	:	1088.16 MMCFD										
(D) Forecast of 29.09.23 (Today) Friday :													
01.	Maximum Demand	:	14700 MW (Generation end)			04.	Maximum Load-shed	:	0 MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	17091 MW (Generation end)			05.	Total Generation	:	315.94 MCKWh				
03.	Reserve / Shortage	:	2391 MW (Generation end)			06.	Probable Max. Temperature in Dhaka ;	:	36.2°C				