

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month September, 2021				Day : Monday				Date : 13.09.21							
Probable Maximum Demand :				13800 MW				Probable Maximum Generation : 14523 MW							
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 105.39 ft				Today = 105.50 ft				Rule Curve = 101.76 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.09.21 (Yesterday)		13.09.21 (Today)		12.09.21 (Yesterday) Probable Peak Generation (MW)	13.09.21 (Today) Probable Peak Generation (MW)	12.09.21 (Yesterday) Gen. shortfall for:		Status of Machines under shut-down Maintenance		
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)			Gas/Water/Coal limitation MW	Machines shut down (MW)		Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening							
(A) Plants in operation:															
1	Ghorasal Repowered CCGP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0			260	Under project work		
2	a) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0			180	Under project work		
3	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Gas shortage			
4	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+ 1x 126	365	365	203	203	203	203			126	STG Under maint		
5	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0		108	Gas Shortage			
6	Tongi 80 MW GTTP	Gas (PDB)	1 x 105	105	105	0	0	0	0			105	CB Problem		
7	Hanpur GTTP	Gas (PDB)	1 x 32	32	20	0	0	0	0			20	Gas Shortage		
8	Hanpur 360MW CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	127	243	300	360			117	Gas Shortage		
9	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	280	300	300	300			150	Gas Shortage		
10	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0			115	Under Overhauling		
11	Hanpur 412 MW CCGP	Gas (EGCB)	1x273+1x139	412	412	387	3	120	120			409	Gas Shortage		
12	Siddhirganj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	100	100			210	Gas Shortage		
13	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	318	327	326	335						
14	Meghnaghat CCGP(Summit)	Gas (IPP)	2x110+1x110	305	305	260	330	305	305						
13	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	30	55	55	55						
15	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	72	74	77	77						
16	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	102	102	102	102						
17	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	0	22	22						
18	Summit Power (Madhabdi+Asthulia)	Gas (SIPP, REB)	6x3.67+6x3.73	80	80	46	47	55	55						
19	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	6x3.73	33	33	25	25	33	33						
20	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	6x3.73	33	33	25	33	33	33						
21	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	25	51	25	51						
22	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	52	90	70	90						
23	Kodda 150MW PP	HFO (BPD-RPCL)	9x17.06	149	149	150	133	149	149						
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	280	283	300	300						
26	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	118	149	149	149						
27	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	30	304	100	300						
28	Brantangan 100 MW PP (Aggraak)	HSD (IPP)	23x0.85+91x.959	100	100	25	100	100	100						
29	Aurahi 100MW PP (Aggraak)	HSD (IPP)	23x0.85+91x.959	100	100	88	91	50	100						
30	Nababganj 55 MW PP (Southern powe	HFO (IPP)	3x18.3	55	55	55	55	55	55						
31	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x18.3	55	55	55	55	55	55						
32	Meghnaghat 104 MW PP (DPSL)	HFO (IPP)	6x18.5	104	104	88	101	104	104						
33	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	126	162	162	162						
34	Manikganj 35MW Solar PP (Inspecra)	Solar (IPP)	1x35	35	35	31	0	30	0						
Dhaka Zone Total				5717	5560	3071	3370	3434	3769	1204	786				
35	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	164	164	158	158			40	Unit 2 under overhauling		
36	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	100	100	100	100		80	Gas Shortage			
37	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	80	0	0	0		180	Gas Shortage			
38	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4	0	5	0						
38	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	25	25	25	25						
39	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19	0	20	0						
40	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	50	50	50	50						
41	Sikalbaha 105 MW PP (Baraka Sikalbh)	HFO (IPP)	6x18.415	105	105	88	88	88	88						
42	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0			150	Under maint.		
43	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+ 1 x 75	225	225	0	0	0	0			225	HGRPI awaiting for purchase committee approval		
44	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	107	305	300	300						
45	Julda 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	92	100	100	100						
46	Julda 100 MW Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	90	76	100	100						
47	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	85	85	85						
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	20	20	20	20						
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			6	20	15	30						
50	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	0	0						
51	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	53	54	54	54						
52	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	110	110	110	110						
53	Julda unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	100	100	100	100						
54	Chattogram 116 MW PP (Anima Ener	HFO (IPP)	6x21.06	116	116	114	113	116	116						
Chattogram Zone Total				2442	2382	1222	1410	1446	1436	260	415				
55	a) Ashuganj TPP Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0		135	Gas Shortage			
55	b) Ashuganj TPP Unit-4	Gas (APSCL)	1 x 150	150	129	0	0	0	0		129	Gas Shortage			
55	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 CCGP	Gas (APSCL)	1x142+175	221	221	193	208	210	210						
58	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	260	295	300	300						
59	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	265	265	300	300						
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	20	5	48	48						
61	Ashuganj 195MW PP (APSL-United)	Gas (IPP)	20'9.73+1'16	195	195	8	8	26	26		187	Gas shortage			
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	25	35	35	35						
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	120	135	130	140						
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	48	0	50						
65	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	140	141	141	141						
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	175	178	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	7	10	11	11						
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	25	33	33						
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	43	43	43	43						
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	21	21	21						
72	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	80'1+40'15'+15'155	200	200	100	200	100	200						
73	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	114	114	98	114						
74	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	105	97	113	113						
75	Bhairob 54 MW PP	HFO (IPP)	3x18.2	54	54	17	17	17	17						
**	Impogr (Tripura)	India		160	160	124	148	138	164						
Cumilla Zone Total				3094	3034	1806	2038	2009	2211	585	0				
76	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	110	110	130	160		92	Gas Shortage			
77	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22						
78	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	8	8	8	8				Dependable cap. 8MW		
79	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	37	106	115	115						
80	Myensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	38	176	175	200						
81	Sairshabani 3 MW Solar Plant	Solar (IPP)	1x3	3	3	2	0	1.6	0						
82	Sutkhahi 50 MW Solar PP	Solar (IPP)	1x50	50	50	50	0	50	0						
83	Tangail 22 MW PP(PGL)	HFO (IPP)	4x6.7												

Sl. No.	Name of Power Station	Nos. of Unit	X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.09.21 (Yesterday)		13.09.21 (Today)		12.09.21 (Yesterday)		Status of Machines under shut-down/ Maintenance								
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date							
						Day	Evening	Day	Evening											
84	Fenchugonj CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	30	30	30	30		40	GT1 Load gear problem								
85	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	0	41	41		90	GT 4 Under maint.								
86	Fenchugonj 51 MW PP (Barakattallah)	Gas (RPP)	19x2.90	51	51	25	25	25	25											
87	Kushira 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163											
88	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	0	11	11											
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	0	0	0	0	66		Gas Shortage								
90	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+1x110	330	330	155	158	160	160	172		Gas Shortage								
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	76	79	80	84											
92	Sylhet 225 MW CCGP	Gas (PDB)	1x142+1x89	231	231	220	213	225	225											
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	18	18	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	22	24	24											
96	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	315	341	341											
97	Bibiyana-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	405	317	402	402											
98	Bibiyana South 383 MW CCGP	Gas (PDB)	1x252+1x131	383	383	386	330	383	383											
99	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0		100	Under project work								
Sylhet Zone Total													2422	2377	1825	1652	1903	1907	258	130
100	Bheramara GTPP Unit-3	HSD (PDB)	1 x 20	20	16	0	0	0	0											
101	Bheramara 410 MW CCGP	Gas (NWP/CGCL)	1 x 278+1 x 132	410	410	240	240	245	245											
102	Fairpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	4	19	0	22			Line Overload								
103	Gopalgarj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	40			Line Overload								
104	Khulna 225 MW CCGP	HSD (NWP/CGCL)	1 x 150+1x75	230	230	220	228	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	105	105	105	105											
107	Madhumati 100 MW PP	HFO (NWP/CGCL)	6x18.415	105	105	105	0	100	100			Line Overload								
**	Bheramara (HVDC)	India		1000	1000	709	721	727	727											
Khulna Zone Total													2133	2129	1383	1413	1452	1564	0	0
108	Barisal 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	20	35	33	33											
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	65	65	65	65		129	Arrival of GT2 HGPI experts delayed due to covid 19								
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	22	21	40	40											
112	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	300	610	622	622		634	Line Overload								
113	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	150	150	150											
114	Bhola 220MW CCGP (Nutan Bidyut BC)	Gas/HSD (IPP)	2x75+1x70	220	220	161	220	220	220											
Barisal Zone Total													2046	2046	568	986	1240	1240	0	763
115	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage								
116	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage								
117	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	50	50											
118	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	184	200	200											
119	Bera 70 MW Peaking PP	HFO (PDB)	9x7.99	71	71	0	30	40	40											
120	Amnura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	35	27	35	35											
121	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	90	85	92											
122	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	37	0	40											
123	Katakhali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	43	50	50											
124	Santarhar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	18	0	20											
125	Sirajgonj 225MW CCGP Unit-1	Gas (NWP/CGCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage								
126	Sirajgonj 225MW CCGP Unit-2	Gas (NWP/CGCL)	1x150+1x75	220	220	158	153	160	200											
127	Sirajgonj 225MW CCGP Unit-3	Gas (NWP/CGCL)	1x141+1x79	220	220	186	179	215	215											
128	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	377	413	400	410											
129	Bogra 22 MW PP (GDB)	Gas (RPP)	6x4.0	22	22	14	17	22	22											
130	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11											
131	Natore 52 MW PP (Rajshahi)	HFO (IPP)	6x8.92	52	52	43	43	43	43											
132	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	113	113	113	113											
133	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	113	113	113	113											
134	Sirajgonj 6.55 MW Solar	Solar (NWP/CGCL)	1x6	6	6	4	0	6	0											
Rajshahi Zone Total													2179	2179	1054	1521	1543	1654	381	0
135	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	77	76	77	77	9		Coal Shortage								
136	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	0	0	0	0		274	Under maint.								
138	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	15											
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	10											
141	Majpara, Tabala 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	7	0	8	0											
Rangpur Zone Total													655	605	197	189	198	215	9	359
Sub-total: Plants in operation													21435	21021	11415.0	13025	13749	14523	2789	2453
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss													10952	12497	13191	13934				
(B) Plants under long term maintenance/ contract expired																				
142	Kalpoti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0											
143	Bosilia 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0											
144	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	0	0	0	0	0				Contract Expired							
145	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	0	0	0	0	0											
146	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	0	0	0	0	0				Contract Expired on 12/11/2020							
147	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	0	0	0	0	0				Contract Expired on 07/05/2021							
148	Khulna 115 MW PP (KPLC-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	0	0
Gross Total													22031	21180	11415	13025	13749	14523	2789	2453
(C) Actual data of 12.09.21 (Yesterday) Sunday :																				
01.	Max. Demand at eve. peak (Generation end)			: 13025.00 MW, at = 21:00 hrs																
02.	Max. Demand at eve. peak (Sub-station end)			: 12497.00 MW, at = 21:00 hrs																
03.	Highest Generation (Generation end)			: 13105.00 MW, at = 22:00 hrs																
04.	Minimum Generation (Generation end)			: 10254.00 MW, at = 8:00 hrs																
05.	Day-peak Generation (Generation end)			: 11415.00 MW, at = 12:00 hrs																
06.	Evening-peak Generation (Generation end)			: 13025.00 MW, at = 21:00 hrs																
07.	Evening Peak Load-shed (Sub-station end)			: 0.00 MW, at = 21:00 hrs																
08.	Minimum Generation Forecast up to 8:00 hrs.			: 10028.00 MW, at = 5:00 hrs																
09.	Generation shortfall at evening peak due to:																			
a)	Gas limitation			: 2780 MW																
c)	Coal supply Limitation			: 9 MW																
b)	Low water level in Kaptai lake			: 0 MW																
c)	Plants under shut down/ maintenance			: 2453 MW																
10.	Total Energy (Generation + India Import)			: 285.60 MKWh																
	By Gas =			142.419 MKWh																
	By Coal =			13.381 MKWh																
	By Solar =			0.795 MKWh																
11.	Total Gas Supplied			: 1100.80 MMCFD																
(D) Forecast of 13.09.21 (Today) Monday :																				
01.	Maximum Demand			: 13800 MW (Generation end)	04.	Maximum Load-shed	: 0 MW	At evening peak (Sub-station end)												
02.	Maximum Generation			: 14523 MW (Generation end)	05.	Total Generation	: 300.74 MKWh													
03.	Maximum Shortage			: -723 MW (Generation end)	06.	Probable Max. Temperature in Dhaka	: 36.1°C													

#Remarks: Highest Generation 13792 MW on 27-04-2021 at 20:00

(Faouzl Islam Shaker)
Deputy Secretary, Generation