



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month September, 2019		Day : Thursday				Date : 12.09.19					
Probable Maximum Demand : 12200 MW		Probable Maximum Generation : 14911 MW				Rule Curve = 101.53 ft.					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 104.76 ft.				Today = 104.61 ft.					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.09.19 (Yesterday)		12.09.19 (Today)		11.09.19 (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)	
(A) Plants in operation:											
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	73	73	73	73		
	b) Ghorasal Repowered CAPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		On Test
	c) Ghorasal Repowered CAPP Unit-4	Gas (PDB)	1 x 210	210	180	100	100	100	100		On Test
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	190	190	190	190		
2	Ghorasal 365 MW CAPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	250	250	280	280		
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0		
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0		
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Gas Shortage
6	Haripur GTPP	Gas (PDB)	2 x 32	64	40	0	0	0	0	40	Gas Shortage
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	348	353	350	350		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	450	400	450	450		
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage
10	Haripur 412 MW CAPP	Gas (EGCB)	1x273+1x139	412	412	353	350	350	350		
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	217	217	205	342	0	0		
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	40	100	100		
14	Meghnaghat CAPP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	150	150	150		
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	8	92	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	75	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	48	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	50	100	100		
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	50	101	100	100		
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	22	22	22		
21	Summit Power,(Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	55	56	57	57		
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33		
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33		
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	43	43	52	52		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	70	87	90	90		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	100	135	149	149		
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	6	31	46	46		
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	35	54	54		
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	258	200	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	16	149	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300		
32	Bramhangaan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100		
33	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100		
34	Nabaganj 55 MW PP (Southern pc)	HFO (IPP)	3x19.3	55	55	55	55	55	55		
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	36	55	55	55		
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	72	72	72	72		
Dhaka Zone Total				5929	5693	2731	3678	3565	4165	470	0
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	207	216	215	215		
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	95	95	100	100		
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	120	120	120	120		
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	0.4	0	4.4	0		
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	7	25	25	25		
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	3.1	0	20	0		
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	50	50	50	50		
43	Sikalbaha 105 MW PP (Baraka Siku)	HFO (IPP)	6x18.415	105	105	17	17	50	100		
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	145	110	140	140		
45	Sikalbaha 225 MW CAPP	Gas (PDB)	1 x 150+1 x 75	225	225	204	204	210	210		
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	106	106	230	260		
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	10	10	100	100		
48	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	100	100	100	100		
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	68	50	80		
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0		
51	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22		
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	21	15	30		
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	43	97	90	90		
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	34	54	54	54		
54	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	17	17	113	113		
Chattogram Zone Total				2226	2166	1182.5	1332	1708.4	1809	0	0
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	100	100	130	130		
	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		
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	30	26	33	33		
57	Ashuganj 225 MW CAPP	Gas (APSCL)	1x142+1'175	221	221	189	220	225	225		
58	Ashuganj 450 MW CAPP(South)	Gas (APSCL)	1x360	360	360	305	300	360	360		
59	Ashuganj 450 MW CAPP(North)	Gas (APSCL)	1x361	360	360	305	300	360	360		
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	30	44	55	55		
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20'9.73+1'116	195	195	16	16	68	68		
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	40	100	150	150		
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	42	0	50		
65	Chandpur 150 MW CAPP	Gas (PDB)	1X106+1x57	163	163	50	86	100	100		
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	170	180	200	200		
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	22	22		
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	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	8	52	52	52		
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	19	20	20	20		
72	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	8x1.4+4x1.515+15x1.05	200	200	0	0	0	200		
**	Impoprt (Tripura)	India		160	160	144	178	138	187		
Cumilla Zone Total				2813	2753	1506	1772	2000	2299	129	0
73	RPCL 210MW CAPP	Gas (IPP)	4x35+1x70	210	202	136	123	150	150		
74	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22		
75	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	90	95	95	95		
76	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	104	114	115	115		
77	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	30	200	200	200		
78	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	1.6	0		
Mymensingh Zone Total				645	637	380	554	583.6	582	0	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.09.19 (Yesterday)		12.09.19 (Today)		11.09.19 (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)			
79	Fenchugonj CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	60	60	60				
80	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	41	41	42	42				
81	Fenchugonj 51 MW PP (Barakatul)	Gas (RPP)	19x2.90	51	51	47	50	51	51				
82	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	49	49	50	50				
83	Kushiana 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	163	163				
84	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11				
85	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	67	66	66				
86	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	241	242	259	259				
87	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	70	77	77	77				
88	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	43	46	45	45				
89	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	114	90	150	150				
90	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	18	18	18	18				
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	42	44	46	46				
92	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
93	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24				
94	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	295	275	315	320				
95	Bibiana-III 400 MW CCGP	Gas (PDB)	1x285	285	285	0	0	0	0				
Sylhet Zone Total				1879	1834	1255	1231	1387	1392	0	0		
96	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	30				
97	Bheramara 360 MW CCGP	Gas (NWPGL)	1 x 279+1 x 132	410	410	260	290	380	410				
98	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	24	0	40				
99	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	61	0	70				
100	Khulina 225 MW CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	200	200				
101	Khulina 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	49	99	115	115				
102	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	80	100				
103	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	40	40	40				
104	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	53	90	105	105				
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	70	100	100				
**	Bheramara (HVDC)	India		1000	1000	910	909	919	919				
Khulina Zone Total				2328	2314	1280	1683	1939	2129	0	0		
106	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
107	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	70	110				
108	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	21	37	25	35				
109	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	179	174	180	180				
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	96	95	95	95				
Barishal Zone Total				472	462	296	416	370	450	0	0		
111	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	30	0	0	0				
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under transformer Maint. 25.9.19	
112	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	50	50				
113	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
114	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	40	0	43				
115	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	6	6	40	50				
116	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	95	80	100				
117	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	39	45	45				
118	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	8	42	42				
119	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	28	0	35				
120	Sirajgonj 225MW CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	197	182	215	215				
121	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0				
122	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	207	199	205	215				
123	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	360	360	400	400				
124	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22				
125	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	7	10	10				
126	Ulapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
127	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	52	52	52	52				
128	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	113	113	113	113				
Rajshahi Zone Total				2080	2070	1002	1212	1485	1603	0	100		
129	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	70	72	71	71				
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Maintenance 30.9.19	
130	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	270	265	280	280				
131	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
132	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	85	106	113	113				
133	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	18				
134	Majpara, Tatalia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	3.5	0	8	0			On Test	
Rangpur Zone Total				685	605	429	443	472	482	0	85		
Sub-total: Plants in operation				19057	18534	10061	12321	13510	14911	599	185		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						9522	11392	12786	14112				
(B) Contract expired power plants													
135	Ashuganj 53MW PP (Uniled)	Gas (QRPP)	14x4.00	53	53	0	0	0	0			Contract expired	
136	Brahmanbaria 85 MW PP (Aggreko)	Gas (QRPP)	86x1.10	85	85	0	0	0	0			Contract expired	
Sub-Total: Plants under long term maintenance				138	138	0	0	0	0				
Gross Total				19195	18672	10061	12321	13510	14911	599	185		
(C) Actual data of 11.09.19 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	12321.00	MW, at = 21:00:00 hr	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	11392.00	MW, at = 21:00:00 hr	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)	:	12321.00	MW, at = 20:00 hrs	Dhaka	4194	4194	0	Mymensingh	974	974	0	
04.	Minimum Generation (Generation end)	:	8887.50	MW, at = 8:00 hrs	Chattogram	1124	1124	0	Sylhet	523	523	0	
05.	Day-peak Generation (Generation end)	:	10061.00	MW, at = 11:00 hrs	Khulina	1418	1418	0	Barishal	329	329	0	
06.	Evening-peak Generation (Generation end)	:	12321.00	MW, at = 21:00:00 hr	Rajshahi	1418	1418	0	Rangpur	329	329	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00:00 hr	Cumilla	1083	1083	0					
08.	Actual Minimum Generation up to 8:00 hrs.	:	8449.97	MW									
09.	Generation shortfall at evening peak due to :	:											
a)	Gas limitation	:	599	MW	13.	Fuel cost :	(a) Gas = 151976095 Taka	(c) Coal = 37581554 Taka					
d)	Coal supply Limitation	:	0	MW		(b) Oil = 486984172 Taka	Total = 189557649 Taka						
b)	Low water level in Kaptai lake	:	0	MW									
c)	Plants under shut down/ maintenance	:	185	MW	14.	Maximum Temperature in Dhaka was :	33.5° C						
10.	Total Energy (Generation + India Import)	:	251.59	MKWWh	15.	Export through East-West interconnections :							
	By Gas = 158.438	MKWWh		By Oil = 54.462	MKWWh	At evening peak-hour	:	-260	MW, at 21:00:00 hrs PM				
	By Coal = 8.238	MKWWh		By Hydro = 4.914	MKWWh	Maximum	:	-260	MW, at 20:00 hrs				
	By Solar = 0.099	MKWWh				Energy	:	0.549	MWWh				
11.	Total Gas Supplied	:	1348.08	MWWh									
(D) Forecast of 12.09.19 (Today) Thursday :													
01.	Maximum Demand	:	12200	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	14911	MW (Generation end)	05.	Total Generation	:	249.11	MWWh				
03.	Maximum Shortage	:	-2711	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	30.9° C					

#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(MONIRUZZAMAN)
Deputy Secretary, Generation