



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month September, 2019				Day : Monday				Date : 02.09.19			
Probable Maximum Demand : 12700 MW				Probable Maximum Generation : 15345 MW				Rule Curve = 99.23 ft			
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 105.40 ft				Today = 105.52 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.09.19 (Yesterday)		02.09.19 (Today)		01.09.19 (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	70	70	70	70		
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		On Test
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	200	160	200		On Test
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	110	110	110	110		
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	330	300	350	350		
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	90	63	94	94		
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	67	50	70	70		
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	320	349	350	350		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	380	450	450	450		
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	347	385	395	395		
11	Siddhirganj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217	217	217	27	27	26	26		
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	1	100	100	100		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	290	260	290	290		
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	18	100	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	80	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	15	42	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	87	100	100		
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	84	102	100	100		
20	Narshingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	19	19	22	22		
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x8.73	80	80	44	54	57	57		
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	33	33	33		
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	33	33	33		
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	51	50	51	51		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	89	70	100	100		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	48	133	133	133		
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	13	46	46	46		
28	Kamalghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	53	53	54	54		
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	26	300	200	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	122	133	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	51	0	300		
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100		
33	Aurahat 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	11	0	100		
34	Nababganj 55 MW PP (Southern pc)	HFO (IPP)	3x19.3	55	55	35	35	55	55		
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	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	2842	3923	3980	4620	470	0
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	212	211	215	215		
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	95	90	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	1.7	0	4.4	0		
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	25	25	25	25		
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	13	0	20	0		
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	32	32	50	50		
43	Sikalbaha 105 MW PP (Baraka Siki)	HFO (IPP)	6x18.415	105	105	0	17	50	100		
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	130	130	130	130		
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	205	204	215	215		
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	161	105	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	90	100	100	100		
49	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	85	50	85		
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0		
51	Barabkunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	22	22	22	22		
	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	23	9	30		
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	91	81	90	90		
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	17	30	31		
54	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	17	17	113	113		
Chattogram Zone Total				2226	2166	1227.7	1289	1673.4	1786	0	0
55	a) Ashuganj TPP Unit-3	Gas (APSCCL)	1 x 150	150	135	0	0	0	0		
	b) Ashuganj TPP Unit-4	Gas (APSCCL)	1 x 150	150	129	0	0	0	0	129	Gas Shortage
	c) Ashuganj TPP Unit-5	Gas (APSCCL)	1 x 150	150	134	100	100	135	135		
56	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	30	30	30	30		
57	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	194	213	225	225		
58	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	235	245	260	360		
59	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	355	300	360	360		
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	50	52	55	55		
61	Ashuganj 53MW PP (United)	Gas (QRPP)	14x4.00	53	53	0	0	0	0		
62	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20*9.73+1*16	195	195	55	26	26	26		
63	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	43	43		
64	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	80	10	150	150		
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	42	0	50		
66	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	133	125	140	140		
67	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	180	180	200	200		
68	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	19	21	22	22		
69	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11		
70	Jengalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	33	33	33		
71	Jengalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	52	52	52		
72	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	20	20	20	20		
73	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	50	0	200		
**	Impoort (Tripura)	India		160	160	156	156	149	191		
Cumilla Zone Total				2866	2806	1702	1709	1911	2303	129	0
74	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	148	151	150	150		
75	Tangali 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	22	22	22	22		
76	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	89	90	95	95		
77	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	106	115	115	115		
78	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	86	200	200	200		
79	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.2	0	1.6	0		
Mymensingh Zone Total				645	637	453.2	578	583.6	582	0	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.09.19 (Yesterday)		02.09.19 (Today)		01.09.19 (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)			
80	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32-1x33	97	70	58	60	60	60				
81	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	31	31	30	30				
82	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	49	50	51	51				
83	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	47	50	50				
84	Kushiana 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
85	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
86	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	54	67	67				
87	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	240	244	259	259				
88	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	73	79	77	77				
89	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	45	46	45	46				
90	Sylhet 150 MW CAPP	Gas (PDB)	1x142	142	142	83	70	90	100				
91	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	18	18	18	18				
92	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	40	44	46	46				
93	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
94	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24				
95	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	280	260	315	320				
96	Bibiyana-II 400 MW CAPP	Gas (PDB)	1x285	285	285	0	0	0	0				
Sylhet Zone Total				1879	1834	1202	1211	1316	1332	0	0		
97	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	30				
98	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	350	350	380	410				
99	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	19	0	42				
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	64	0	75				
101	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	70	200	200				
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	83	115	115	115				
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	99	80	100				
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	32	40	40	40				
105	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	17	35	105	105				
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	70	88	100	100				
**	Bheramara (HVDC)	India		1000	1000	912	912	925	925				
Khulna Zone Total				2328	2314	1464	1792	1945	2142	0	0		
107	Barisal GT PP Unit-1&2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	70	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	21	33	25	35				
110	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	180	166	180	180				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	91	96	95	95				
Barishal Zone Total				472	462	292	405	370	450	0	0		
112	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	55	55	60	60				
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Under transformer Maint.	07.9.19	
113	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	50	50				
114	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
115	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	38	0	30				
116	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	18	50	40	50				
117	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	93	80	100				
118	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	37	47	47				
119	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	42	42	42	42				
120	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	21	0	35				
121	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	189	182	215	215				
122	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0				
123	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	187	196	205	215				
124	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	350	414	400	400				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	7	7	7	7				
127	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	25	52	52	52				
129	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	113	113	113	113				
Rajshahi Zone Total				2080	2070	1016	1383	1544	1649	0	100		
130	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	72	66	70	70				
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Maintenance	30.9.19	
131	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	260	250	280	280				
132	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
133	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	98	99	113	113				
134	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	12	0	18				
135	Majpara, Tabula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	7.3	0	8	0		On Test		
Rangpur Zone Total				685	605	437	427	471	481	0	85		
Sub-total: Plants in operation				19110	18587	10636	12717	13794	15345	599	185		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss													
10126 11832 13132 14609													
(B) Contract expired power plants													
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				85	85	0	0	0	0				
Gross Total				19195	18672	10636	12717	13794	15345	599	185		
(C) Actual data of 01.09.19 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	: 12717.00 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)	: 11832.00 MW, at = 21:00:00 hr	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed			
03.	Highest Generation (Generation end)	: 12717.00 MW, at = 21:00 hrs	Dhaka	4402	4402	0	Mymensingh	1012	1012	0			
04.	Minimum Generation (Generation end)	: 9010.93 MW, at = 7:00 hrs	Chattogram	1076	1076	0	Sylhet	491	491	0			
05.	Day-peak Generation (Generation end)	: 10636.20 MW, at = 11:00 hrs	Khulna	1506	1506	0	Barishal	353	353	0			
06.	Evening-peak Generation (Generation end)	: 12717.00 MW, at = 21:00:00 hr	Rajshahi	1506	1506	0	Rangpur	353	353	0			
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 21:00:00 hr	Cumilla	1133	1133	0							
08.	Actual Minimum Generation up to 8:00 hrs.	: 8849.25 MW											
09.	Generation shortfall at evening peak due to :												
	a) Gas limitation	: 599 MW	13.	Fuel cost :	(a) Gas = 153461046 Taka	(c) Coal = 36208437 Taka							
	d) Coal supply Limitation	: 0 MW			(b) Oil = 603885461 Taka	Total = 169669483 Taka							
	b) Low water level in Kaptai lake	: 0 MW											
	c) Plants under shut down/ maintenance	: 185 MW	14.	Maximum Temperature in Dhaka was :	36.3° C								
10.	Total Energy (Generation + India Import)	: 266.43 MKWh	15.	Export through East-West interconnections :									
	By Gas = 160.523 MKWh	By Oil = 67.404 MKWh		At evening peak-hour	: -220 MW, at 21:00:00 hrs PM								
	By Coal = 7.935 MKWh	By Hydro = 4.867 MKWh		Maximum	: -220 MW, at 21:00 hrs								
	By Solar= 0.162 MKWh			Energy	: 0.3965 MKWh								
11.	Total Gas Supplied	: 1394.96 MMCFD											
(D) Forecast of 02.09.19 (Today) Monday :													
01.	Maximum Demand	: 12700 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	: 15345 MW (Generation end)	05.	Total Generation	: 266.08 MKWh								
03.	Maximum Shortage	: -2645 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	32.4° C								

*Captive Power **Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation