



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month September, 2020				Day : Saturday				Date : 12.09.20				
Probable Maximum Demand : 12000 MW				Probable Maximum Generation : 15026 MW				Rule Curve = 100.30 ft.				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 93.20 ft				Today = 93.59 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.09.20 (Yesterday)		12.09.20 (Today)		11.09.20 (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)		Description/ Remarks
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	0	0	0	0	85	Under maint.	
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Gas Shortage	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	150	150	150	30	Gas Shortage	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Under maint.	
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	120	120	120	120			
3	Ghorashtal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	92	97	95	97	11	Gas Shortage	
4	Ghorashtal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	68	69	72	72	9	Gas Shortage	
5	Tongi 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	20	Gas Shortage	
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	351	352	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	390	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 CCPP	Gas (EGCB)	1x273+1x139	412	412	347	365	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 CCPP	Gas (EGCB)	1 x 217+1x118	335	335	305	306	335	335			
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	7	7	7			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	140	150	150			
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	7	77	7	7			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	48	80	96	96			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	55	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
19	Gagnagar 102 MW PP (Digital Pow	HFO (IPP)	12x8.924	102	102	16	16	40	40			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	50	48	55	55			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x3.73	33	33	33	33	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x3.73	33	33	33	33	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	52	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	0	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	16	149	149			
27	Katpotti 52 MW PP (Sirha)	HFO (IPP)	7x7.90	51	51	0	0	0	0			
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	35	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	292	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	80	149	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	100	300			
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
33	Aurhatt 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100			
34	Nababganj 55 MW PP (Southern p	HFO (IPP)	3x19.3	55	55	0	17	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	35	55	55			
36	Boisila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0			
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	17	80	70	80			
Dhaka Zone Total				6119	5895	2136	3044	3826	4088	555	390	
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	45	45	44	44	185	Low Water Level	
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	120	120	120	120	60	Gas Shortage	
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under maint.	
40	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	6	0	5	0			
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	25	25	25	25			
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	20	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	50	50			
44	Sikalbaha 105 MW PP (Baraka Sil	HFO (IPP)	6x18.415	105	105	0	0	100	100			
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	141	145	150	150			
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	178	177	180	180			
47	Anwara 300 MW PP (Uniled)	HFO (IPP)	17x17.076+ 3x8.04	300	300	124	232	300	300			
48	Juidah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
49	Juidah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	100	100	100	100			
50	Dohazari -Kalaish 100 MW Peakin	HFO (PDB)	6x17.0	102	102	0	68	100	100			
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
52	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	20	20			
*	Malancha, Ctg EPZ (Uniled)	Gas	5x8.73+3x9.34			27	42	15	35			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	31	85	85			
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54			
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	17	110	110			
56	Juidah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	100	100	100	100			
Chattogram Zone Total				2326	2266	907	1123	1678	1673	245	180	
57	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135	Gas Shortage	
	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	80	80	80	80	54	Gas Shortage	
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	32	10	35	35			
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	195	209	214	214			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	305	280	360	360			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	300	280	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	20	20	50	Gas shortage	
63	Ashuganj 195MW PP (APSCL-	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8	187	Gas shortage	
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	10	150	150			
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50			
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	91	91	100	100			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	18	21	21			
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11			
71	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	43	43	43			
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	21	20	20			
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	0	200			
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	114	114			
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	9	113	113	113			
**	Impoport (Tripura)	India		160	160	100	146	157	173			
Cumilla Zone Total				3040	2980	1253	1409	2090	2356	555	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	160	158	160	160			
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	56	72	72			
80	Jamalpur 115 MW PP (Uniled)	HFO (IPP)	12x9.87	115	115	0	55	115	115			
81	Mymensingh 200 MW PP (Uniled)	HFO (IPP)	21x9.780	200	200	103	200	200	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	1.6	0			
Mymensingh Zone Total				645	637	287	491	570.6	569	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.09.20 (Yesterday)		12.09.20 (Today)		11.09.20 (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)	Description/ Remarks	Probable start-up date						
83	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	88	90	90	90										
84	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	29	30	30	30	60	GT-4 Under maint.								
85	Fenchugonj 51 MW PP (Barakatu)	Gas (RPP)	19x2.90	51	51	47	53	51	51										
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44										
87	Kushlari 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163										
88	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11										
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	34	63	64	64										
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	285	310	300	300										
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	88	88	86	86										
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	183	184	225	225										
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	18										
94	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0										
95	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10										
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	25	25										
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	310	341	341										
98	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0	400	Under maint.								
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0										
Sylhet Zone Total				2033	1988	1284	1401	1458	1458	0	460								
99	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16										
100	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	370	365	410	410										
101	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	30										
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60										
103	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	180	225	225										
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	115	115										
105	Noapara 100 MW PP (Bangla Trac	HSD (IPP)	70x1.4+7x1.515	100	100	0	57	50	100										
106	Noapara 40 MW PP (Khanjahan A	HFO (QRPP)	5x8.5	40	40	0	40	40	40										
107	Rupsha 105 MW PP (Orion rupsh	HFO (IPP)	6x18.445	105	105	0	0	105	105										
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100										
**	Bheramara (HVDC)	India		1000	1000	741	933	945	945										
Khulna Zone Total				2288	2284	1231	1690	1990	2146	0	107								
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	64	110	110										
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	25	39	33	33										
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	87	87	90	90	107	GT-2 Under maint.								
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	52	76	80	80										
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	400	550	620	620										
Barishal Zone Total				1054	1054	564	816	933	933	0	107								
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0			Gas Shortage							
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	50	70	70	70	30		Gas Shortage							
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50										
116	Baghabari 200 MW PP (Paramoun	HSD (IPP)	135x1.6	200	200	0	0	200	200										
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40										
118	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0										
119	Chapainawabganj 100 MW Peakin	HFO (PDB)	12x8.924	104	104	0	98	100	100										
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	43	43	43										
121	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0										
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	31	0	32										
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	125	145	144	144		65	ST under maint.							
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0		220	Under maint.							
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	130	9	150	150										
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	400	414	414	414										
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22										
128	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	8	8	8										
129	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11										
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	43	43										
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	109	113	113										
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	113	113	113										
Rajshahi Zone Total				2193	2183	745	1073	1431	1553	101	285								
133	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		Coal Shortage							
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	150	150										
135	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0										
136	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	62	100	100										
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0										
138	Majipara, Tatulia 8 MW Solar PP (Sympa I	Solar (IPP)	1 x 8	8	8	2	0	8	0										
Rangpur Zone Total				685	605	152	212	258	250	170	0								
Sub-total: Plants in operation				20383	19892	8559.0	11259	14235	15026	1626	1422								
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss																			
						8269	10878	13753	14518										
(B) Contract expired power plants																			
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0										
Gross Total				20383	19892	8559	11259	14235	15026	1626	1422								
(C) Actual data of 11.09.20 (Yesterday) Friday :																			
01.	Max. Demand (Generation end)	:	11259.00	MW, at =	21:00 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :													
02.	Max. Demand (Sub-station end)	:	10878.00	MW, at =	21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed						
03.	Highest Generation (Generation end)	:	11392.00	MW, at =	22:00 hrs		MW	MW	MW		MW	MW	MW						
04.	Minimum Generation (Generation end)	:	7994.00	MW, at =	9:00 hrs	Dhaka	3517	3517	0	Mymensingh	832	832	0						
05.	Day-peak Generation (Generation end)	:	8559.00	MW, at =	12:00 hrs	Chattogram	1206	1206	0	Sylhet	474	474	0						
06.	Evening-peak Generation (Generation end)	:	11259.00	MW, at =	21:00 hrs	Khulna	1432	1432	0	Barishal	348	348	0						
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs	Rajshahi	1206	1206	0	Rangpur	717	717	0						
08.	Actual Minimum Generation up to 8:00 hrs.	:	8529.00	MW, at =	7:00 hrs and	Cumilla	1146	1146	0										
09.	Generation shortfall at evening peak due to :	:				Total		10878		10878		0							
	a) Gas limitation	:	1271	MW		13. Fuel cost :		(a) Gas = 172102473 Taka		(c) Coal = 74785430 Taka									
	d) Coal supply Limitation	:	170	MW				(b) Oil = 345169107 Taka		Total = 592057010 Taka									
	b) Low water level in Kaptai lake	:	185	MW		14. Maximum Temperature in Dhaka was :		32.8° C											
	c) Plants under shut down/ maintenance	:	1422	MW		15. Export through East-West interconnections :		At evening peak-hour :											
10.	Total Energy (Generation + India Import)	:	232.72	MKWh				Maximum		:-111 MW, at		21:00 hrs							
	By Gas = 147.293 MKWh			By Oil = 44.103 MKWh				Maximum		:-191 MW, at		19:00 hrs							
	By Coal = 16.168 MKWh			By Hydro = 1.111 MKWh				Energy		: 0.235 MKWh									
11.	Total Gas Supplied	:	1204.62	MMCFD															
(D) Forecast of 12.09.20 (Today) Saturday :																			
01.	Maximum Demand	:	12000	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)								
02.	Maximum Generation	:	15026	MW	(Generation end)	05.	Total Generation	:	245.14	MKWh									
03.	Maximum Shortage	:	-3026	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	34.9° C										

* Captive Power ** Imported Power

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

(Fazoul Islam Shaker)

Deputy Secretary, Generation