



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564867, 9551095

Month September, 2020			Day : Friday					Date : 11.09.20				
Probable Maximum Demand : 11500 MW			Probable Maximum Generation : 14997 MW					Rule Curve = 100.30 ft.				
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 93.06 ft.		Today = 93.20 ft.		11.09.20 (Today)					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.09.20 (Yesterday)		11.09.20 (Today)		Gas/water/Coal limitation MW	10.09.20 Gen. shortfall for : (MW)	Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Day	Evening				Day
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	0	0	0	0			
	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	0	0	0	180	Under maint.	
	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	300			
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	88	94	95	95	14	Gas Shortage	
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	69	70	72	72	8	Gas Shortage	
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	20	Gas Shortage	
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	348	282	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	420	450	450			
9	210 MW Siddhirganj 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	369	340	412	412			
11	Siddhirganj 2 nd 120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	277	335	335			
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	100	7	7	7			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	134	135	150	150			
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	7	7	7	7			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	97	97	96	96			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	1	100	100	100			
19	Gagnagar 102 MW PP (Digital Pov)	HFO (IPP)	12x8.924	102	102	84	50	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)	6x8.87+7x8.73	80	80	55	45	55	55			
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	0	10	52	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	50	103	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	32	150	149	149			
27	Kalpoti 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	54	54	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	258	286	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	145	149	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	19	100	300			
32	Bramhangonj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
33	Aurahi 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	55	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	0	0	0	0			
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	17	17	17	17			
Dhaka Zone Total				6119	5895	2626	3085	3623	4053	527	570	
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	44	46	44	44	184	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	4	0	5	0			
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25			
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	13	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	19	50	50	50			
44	Sikalbaha 105 MW PP (Baraka Sit	HFO (IPP)	6x18.415	105	105	0	0	100	100			
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	140	147	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 (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	236	213	300	300			
48	Juidah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	70	100	100			
49	Juidah 100 MW PP Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	100	100	100	100			
50	Dohazari -Kalaish 100 MW Peakin	HFO (PDB)	6x17.0	102	102	0	85	100	100			
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
52	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	21	20	20			
53	Malancha, Ctg EPZ (Unitec)	Gas	5x8.73+3x9.34			6	35	25	40			
54	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	30	84	85	85			
55	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54			
56	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	17	110	110			
	Juidah unit-2 (Accom)	HFO (IPP)	8x13.6	100	100	100	100	100	100			
Chattogram Zone Total				2326	2266	990	1290	1688	1678	244	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	33	19	35	36			
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	43	189	214	214			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	260	280	360	360			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	300	260	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	42	20	20	20	35	Gas shortage	
63	Ashuganj 195MW PP (APSCL-	Gas (IPP)	20*9.73+1*16	195	195	36	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	1	50	150	150			
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	50	0	50			
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	90	80	100	100			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	55	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	21	21	20	20			
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.440x1.515+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	70	114	114			
76	Chowmahani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	105	113	113	113			
**	Impoport (Tripura)	India		160	160	128	156	157	173			
Cumilla Zone Total				3040	2980	1249	1607	2090	2357	540	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	158	126	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	48	52	72	72			
80	Jamalpur 115 MW PP (Unitec)	HFO (IPP)	12x9.87	115	115	0	110	115	115			
81	Mymensingh 200 MW PP (Unitec)	HFO (IPP)	21x9.780	200	200	200	200	200	200			
82	Sarishabri 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1	0	1.6	0			
Mymensingh Zone Total				645	637	429	510	570.6	569	0	0	

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.09.20 (Yesterday)		11.09.20 (Today)		10.09.20 (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)		
83	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	88	91	90	90					
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	28	28	30	30		62		GT-4 Under maint.	
85	Fenchugonj 51 MW PP (Barakatu)	Gas (RPP)	19x2.90	51	51	50	50	51	51					
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	49	49	44	44					
87	Kushlira 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163					
88	Hobiganj 11MW PP Confidence-E	Gas (SIPP_REB)	4x2.90	11	11	5	8	11	11					
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	65	35	64	64					
90	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	262	308	300	300					
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	83	88	86	86					
92	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	185	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	9	9	10	10					
96	Shahjahanulla 25 MW PP	Gas (CIPP_REB)	3x9.34	25	25	24	24	25	25					
97	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	285	341	341					
98	Bibiyana-III 400 MW CAPP	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	1339	1340	1458	1458	0	462			
99	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16					
100	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	350	340	410	410					
101	Fairdur 50 MW Peaking PP	HFO (PDB)	6x6.98	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 CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	215	225	225					
104	Khulna 115 MW (KPLC-2)	HFO (QRPP)	7x7	115	115	115	115	115	115					
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	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 rupsha)	HFO (IPP)	6x18.445	105	105	0	35	105	105					
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100					
**	Bheramara (HVDC)	India		1000	1000	931	930	750	945					
Khulna Zone Total				2288	2284	1516	1775	1795	2146	0	0			
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	24	40	33	33					
111	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	87	88	90	90		106		GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	77	79	80	80					
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	440	560	620	620					
Barishal Zone Total				1054	1054	628	831	933	933	0	106			
114 a)	Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	71				Gas Shortage	
114 b)	Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100			Gas Shortage	
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	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	34	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	97	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	Santihar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	25	0	32					
123	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	144	145	144	144		65		ST under maint.	
124	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150+ 1x75	220	220	0	0	0	0		220		Under maint.	
125	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	165	216	220	220					
126	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	370	359	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	8	11	11	11					
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	43	43	43					
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	90	109	113	113					
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	108	113	113					
Rajshahi Zone Total				2193	2163	806	1270	1431	1553	171	285			
133 a)	Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85				Coal Shortage	
133 b)	Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	85				Coal Shortage	
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	149	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	70	84	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 1	Solar (IPP)	1 x 8	8	8	3	0	8	0					
Rangpur Zone Total				685	605	223	233	258	250	170	0			
Sub-total: Plants in operation				20383	19892	9806.0	11941	13847	14997	1652	1603			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss														
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0	0	0	0		
Gross Total				20383	19892	9806	11941	13847	14997	1652	1603			

(C) Actual data of 10.09.20 (Yesterday) Thursday :														
01.	Max. Demand (Generation end)	:	11941.00	MW,	at =	19:30 hrs								
02.	Max. Demand (Sub-station end)	:	11454.00	MW,	at =	19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
03.	Highest Generation (Generation end)	:	11941.00	MW,	at =	19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
04.	Minimum Generation (Generation end)	:	9121.00	MW,	at =	7:00 hrs	Dhaka	3979	3979	0	Mymensingh	803	803	0
05.	Day-peak Generation (Generation end)	:	9806.00	MW,	at =	10:00 hrs	Chattogram	1192	1192	0	Sylhet	508	508	0
06.	Evening-peak Generation (Generation end)	:	11941.00	MW,	at =	19:30 hrs	Khulna	1512	1512	0	Barishal	343	343	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs	Rajshahi	1225	1225	0	Rangpur	739	739	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	8190.00	MW,	at =	7:00 hrs and	Cumilla	1153	1153	0				
09.	Generation shortfall at evening peak due to :	:									Total	11454	11454	0
a)	Gas limitation	:	1298	MW			13.	Fuel cost :	(a) Gas = 160686570	Taka	(c) Coal = 67643920	Taka		
d)	Coal supply Limitation	:	170	MW					(b) Oil = 573532986	Taka	Total =	801863475	Taka	
b)	Low water level in Kaptai lake	:	184	MW										
c)	Plants under shut down/ maintenance	:	1603	MW			14.	Maximum Temperature in Dhaka was :			31.5° C			
10.	Total Energy (Generation + India Import)	:	249.77	MKWh			15.	Export through East-West interconnections :						
	By Gas = 138.224 MKWh				By Oil =	69.96	MKWh							
	By Coal = 14.571 MKWh				By Hydro =	1.058	MKWh		At evening peak-hour	:	-23	MW,	at	19:30 hrs
	By Solar = 0.169 MKWh								Maximum	:	-68	MW,	at	19:00 hrs
11.	Total Gas Supplied	:	1159.72	MMCFD					Energy	:	0.129	MKWh		

(D) Forecast of 11.09.20 (Today) Friday :													
01.	Maximum Demand	:	11500	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)	
02.	Maximum Generation	:	14997	MW	(Generation end)		05.	Total Generation	:	240.55	MKWh		
03.	Maximum Shortage	:	-3497	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka	:	32.7° C			

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

(Fazoul Islam Shaker)
 Deputy Secretary, Generation