



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551995

Month September, 2020					Day : Tuesday				Date : 08.09.20				
Probable Maximum Demand : 12000 MW					Probable Maximum Generation : 15199 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 93.26 ft		Today = 93.20 ft.		Rule Curve = 100.61 ft.				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.09.20 (Yesterday)		08.09.20 (Today)		07.09.20 (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)			
(A) Plants in operation:													
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	28	28	0	0	57	Unit 2 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	140	140	100	140	40	Gas Shortage		
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	110	110	110	110	80	Gas Shortage		
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0	365	Under maint.		
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	83	82	82	82	26	Gas Shortage		
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78	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	310	355	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	370	400	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	347	338	412	412				
11	Siddhirganj 2120 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+1x118	335	335	292	277	335	335				
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	100	100	100	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	130	130	150	150				
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	100	100	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	97	96	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	12	100	100	100				
19	Gagnagar 102 MW PP (Digital Pow	HFO (IPP)	12x8.924	102	102	93	93	93	93				
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIPP, REB)	8x2.90	22	22	22	22	22	22				
21	Summit Power, (Madhadi+Ashulia)	Gas (SIIPP, REB)	6x3.67+1x8.73	80	80	53	55	55	55				
22	Maona 33 MW PP(Summit)	Gas (SIIPP, REB)	4x8.73	33	33	33	33	33	33				
23	Rupganj 33 MW PP(Summit)	Gas (SIIPP, REB)	4x8.73	33	33	25	33	33	33				
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	25	52	52	52				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	89	104	100	100				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	32	64	149	149				
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0				
28	Kamalaghat 54 MW PP (Barco 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	285	285	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	117	149	149	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	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	Auraha 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	55	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	104	104	104	104				
Dhaka Zone Total				6119	5895	3216	3469	3954	4244	729	537		
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	79	75	75	75	155	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	8	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	50	48	50	50				
44	Sikalbaha 105 MW PP (Baraka Sil)	HFO (IPP)	6x18.415	105	105	0	0	100	100				
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	140	150	150	Under Mi		
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	205	204	225	225				
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	180	196	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	90	90	100	100				
50	Dohazari -Kalaish 100 MW Peakin	HFO (PDB)	6x17.0	102	102	98	102	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 (SIIPP, PDB)	8x2.90	22	22	18	18	20	20				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			4	30	10	30				
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	18	12	12	12				
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	986	1020	1666	1671	215	330		
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	35	35	35	36				
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1x75	221	221	211	214	225	225				
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	285	285	360	360				
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	260	310	360	360				
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	15	15	10	10	40	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	43	43	43	43				
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	10	111	150	150				
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	32	0	0	44				
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	91	85	100	100				
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	200	200				
69	Feni 22MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	18	18	21	21				
70	Feni 11 MW PP (Doreen)	Gas (SIIPP, REB)	4x2.90	11	11	10	10	11	11				
71	Jangalia 33MW PP (Summit)	Gas (SIIPP, PDB)	4x8.73	33	33	33	33	33	33				
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	16	43	43	43				
73	Cumilla 25 MW PP (Summit)	Gas (SIIPP, REB)	3x3.67+2x6.97	25	25	15	20	20	20				
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+4x1.515+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	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	105	113	113	113				
**	Impoport (Tripura)	India		160	160	148	178	150	180				
Cumilla Zone Total				3040	2980	1415	1671	2076	2351	545	0		
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	164	147	160	160				
78	Tangail 22 MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	22	22	22	22				
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	8	72	72	72				
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x8.87	115	115	8	92	115	115				
81	Myemensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	120	200	200	200				
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	1.6	0				
Myemensingh Zone Total				645	637	322	533	570.6	569	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.09.20 (Yesterday)		08.09.20 (Today)		07.09.20 (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	90	91	90	90								
84	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	29	28	30	30	62		GT-4 Under maint.					
85	Fenchugonj 51 MW PP (Barakatalui	Gas (RPP)	19x2.90	51	51	50	53	51	51								
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	48	49	49	49								
87	Kushira 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	100	130	163	163								
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	5	11	11	11								
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	31	32	32	32								
90	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	275	284	300	300								
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	85	85	86	86								
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	136	164	164	164								
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	16	25	25								
97	Bibiana-II 341 MW CCPP (Summit	Gas (IPP)	1x222+1x119	341	341	290	280	341	341								
98	Bibiyan-II 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0	400		Under maint.					
	Bibiyan South 400 MW	Gas (PDB)				0	0	0	0								
Sylhet Zone Total						1191	1251	1370	1370	0	462						
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	295	340	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	0	160	225	225								
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	99	115	115	115								
105	Noapara 100 MW PP (Bangla Trac	HSD (IPP)	70x1.4+7x1.515	100	100	0	80	80	100								
106	Noapara 40 MW PP (Khanjahan Al	HFO (QRPP)	5x8.5	40	40	40	40	40	40								
107	Rupsha 105 MW PP (Orion rupsha	HFO (IPP)	6x18.445	105	105	35	35	105	105								
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100								
**	Bheramara (HVDC)	India		1000	1000	932	930	942	942								
Khulna Zone Total						2288	2284	1401	1700	2017	2143	0	129				
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	26	39	33	33								
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	65	65	65	65	129		GT-2 Under maint.					
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	75	77	80	80								
113	Payra 1320 MW Unit-1	Coal (BCPL)	1x622	622	622	430	540	620	620								
Barishal Zone Total						1054	1054	596	785	908	908	0	129				
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage					
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	70	70	70	70	30		Gas Shortage					
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	8	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	Amnura 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	99	100	100								
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	44	43	44								
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	32	0	32								
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage					
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	130	130	220	220								
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	140	140	220	220								
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	292	326	414	414								
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	17	17	22	22								
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	11	11	11								
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	5	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	70	90	90	90								
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	108	113	113								
Rajshahi Zone Total						2193	2183	734	1086	1557	1680	311	0				
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	35	106	113	113								
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0								
138	Majpara, Tatalia 8 MW Solar PP (Sympa I	Solar (IPP)	1 x 8	8	8	1	0	8	0								
Rangpur Zone Total						685	605	186	256	271	263	170	0				
Sub-total: Plants in operation						20383	19892	10047.0	11771	14390	15199	1970	1458				
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9583	11227	13725	14497								
(B) Contract expired power plants																	
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0								
Gross Total				20383	19892	10047	11771	14390	15199	1970	1458						
(C) Actual data of 07.09.20 (Yesterday) Monday :																	
01.	Max. Demand (Generation end)	:	11771.00	MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :											
02.	Max. Demand (Sub-station end)	:	11227.00	MW, at = 19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed					
03.	Highest Generation (Generation end)	:	11771.00	MW, at = 19:30 hrs		MW	MW	MW		MW	MW	MW					
04.	Minimum Generation (Generation end)	:	9047.50	MW, at = 7:00 hrs	Dhaka	4021	4021	0	Mymensingh	688	688	0					
05.	Day-peak Generation (Generation end)	:	10047.00	MW, at = 12:00 hrs	Chattogram	1244	1244	0	Sylhet	491	491	0					
06.	Evening-peak Generation (Generation end)	:	11771.00	MW, at = 19:30 hrs	Khulna	1458	1458	0	Barishal	354	354	0					
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs	Rajshahi	1103	1103	0	Rangpur	724	724	0					
08.	Actual Minimum Generation up to 8:00 hrs.	:	8985.00	MW, at = 7:00 hrs and	Cumilla	1144	1144	0									
09.	Generation shortfall at evening peak due to :	:							Total	11227	11227	0					
	a) Gas limitation	:	1645	MW	13.	Fuel cost :	(a) Gas = 165317554	Taka	(c) Coal = 76395477	Taka							
	d) Coal supply Limitation	:	170	MW			(b) Oil = 488671344	Taka	Total = 730384375	Taka							
	b) Low water level in Kaptai lake	:	155	MW													
	c) Plants under shut down/ maintenance	:	1458	MW	14.	Maximum Temperature in Dhaka was :	33.6° C										
10.	Total Energy (Generation + India Import)	:	251.49	MKWh	15.	Export through East-West interconnections :											
	By Gas = 142.737		MKWh	By Oil = 64.025		At evening peak-hour	:	-15	MW, at	19:30 hrs							
	By Coal = 16.539		MKWh	By Hydro = 1.911		Maximum	:	-29	MW, at	20:00 hrs							
	By Solar= 0.149		MKWh			Energy	:	0.018	MKWh								
11.	Total Gas Supplied	:	1176.51	MMCFD													
(D) Forecast of 08.09.20 (Today) Tuesday :																	
01.	Maximum Demand	:	12000	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)							
02.	Maximum Generation	:	15199	MW (Generation end)	05.	Total Generation	:	256.38	MKWh								
03.	Maximum Shortage	:	-3199	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	33.1° C									
* Captive Power ** Imported Power																	
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00																	
(Fazoul Islam Shaker)																	
Deputy Secretary, Generation																	