



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564567, 9551095

Month September, 2020		Day : Thursday				Date : 10.09.20									
Probable Maximum Demand :		12700 MW		Yesterday = 93.11 ft		Today = 93.06 ft		Probable Maximum Generation : 14870 MW		Rule Curve = 101.07 ft					
Sl. No.	Name of Power Station	Fuel	Type	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.09.20 (Yesterday)		10.09.20 (Today)		09.09.20 (Yesterday) Gen. shortfall for : Gas/water/Coal limitation MW	10.09.20 (Yesterday) Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	Description/ Remarks	Probable start-up date
							Actual Peak Generation (MW)		Probable Peak Generation (MW)						
							Day	Evening	Day	Evening					
(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	157	0	0	0		180	Grid fault		
	d) Ghorasal TPP Unit-5	Gas	(PDB)	1 x 210	210	190	110	0	0	0		190	Grid fault		
2	Ghorasal 365 MW CCPP Unit-7	Gas	(PDB)	1x 254+1x 126	365	365	0	40	120	300					
3	Ghorasal 108MW PP (Regent)	Gas	(IPP)	3x43.35	108	108	82	91	94	94	17		Gas Shortage		
4	Ghorasal 78.5 MW PP(MAX)	Gas	(QRPP)	2x40	78	78	0	72	72	72	6		Gas Shortage		
5	Tongi 80 MW GTPP	Gas	(PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage		
6	Haripur GTTP	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	277	267	360	360					
8	Meghnaghat 450 MW CCPP(MPL)	Gas	(IPP)	2x140+1x170	450	450	420	420	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	340	412	412					
11	Siddhirgonj 2120 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	293	50	335					
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO	(QRPP)	12x8.9	100	100	91	100	7	7					
14	Meghnaghat CCPP(Summit)	GAS	(IPP)	2x110+1x110	305	305	125	125	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	96	96	96	96					
17	Madanganj-55 MW PP(Summit)	HFO	(IPP)	5x17.08+1x11.3	55	55	40	55	55	55					
18	Keraniganj 100 MW PP (Powerpac)	HFO	(QRPP)	8x13.45	100	100	0	46	100	100					
19	Gaganagar 102 MW PP (Digital Pow)	HFO	(IPP)	12x8.924	102	102	93	93	50	50					
20	Narsingdi 22 MW PP (Doreen)	Gas	(SIIP, REB)	8x2.90	22	22	19	22	22	22					
21	Summit Power,(Madhabdi-Ashulia)	Gas	(SIIP, REB)	6x37+7x8.73	80	80	49	55	55	55					
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	25	33	33	33					
24	Gazipur 52 MW PP	HFO	(RPCL)	6x8.90	52	52	0	51	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	0	150	149	149					
27	Katpott 52 MW PP (Sinha)	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	222	286	300	300					
30	Kodda 149 MW PP Unit-1 (Summit)	HFO	(IPP)	8x18.415+1x8.97	149	149	127	131	149	149					
31	Keraniganj 300 MW PP (APR)	HSD	(IPP)	25x6.14	300	300	0	53	100	300					
32	Bramhangon 100 MW PP (Aggreko)	HSD	(IPP)	23x0.85+91x.959	100	100	0	25	50	100					
33	Auraha 100MW PP (Aggreko)	HSD	(IPP)	23x0.85+91x.959	100	100	0	42	100	100					
34	Nabaganj 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(PLC)	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	2856	3210	3347	4062	528	570			
38	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro	(PDB)	2x40, 3x50	230	230	77	80	44	44	150		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	7	5	0	5	0					
41	Raozan 25 MW PP	HFO	(RPCL)	3x8.9	25	25	13	25	25	25					
42	Teknaf 20MW PP (Solartech)	Solar	(IPP)	1x20	20	20	8	0	20	0					
43	Patenga 50MW PP (Baraka)	HFO	(IPP)	8x6.89	50	50	12	50	50	50					
44	Sikalbaha 105 MW PP (Baraka Sik)	HFO	(IPP)	6x18.415	105	105	0	0	100	100					
45	Sikalbaha Peaking GT	Gas	(PDB)	1 x 150	150	150	140	140	10	10					
46	Sikalbaha 225 MW CCPP	Gas	(PDB)	1 x 150+1 x 75	225	225	209	204	180	180					
47	Anwara 300 MW PP (United)	HFO	(IPP)	17x17.076+ 3x8.04	300	300	197	198	300	300					
48	Julhad 100 MW Unit-1 (Acorn)	HFO	(QRPP)	8x13.45	100	100	0	30	100	100					
49	Julhad 100 MW PP Unit-3 (Acorn)	HFO	(IPP)	8x13.45	100	100	90	100	100	100					
50	Dohazari -Kalaish 100 MW Peakin	HFO	(PDB)	6x17.0	102	102	0	102	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	(SIIP, PDB)	8x2.90	22	22	18	21	20	20					
*	Malancha Ctg EPZ (United)	Gas		5x8.73+3x9.34			5	36	10	30					
53	Chattogram 108 MW PP (ECPV)	HFO	(IPP)	16x7.00	108	108	10	84	97	97					
54	Sikalbaha 54 MW Power Plant(Jodiach 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	Julhad unit-2 (Acorn)	HFO	(IPP)	8x13.6	100	100	100	100	100	100					
Chattogram Zone Total					2326	2266	1004	1307	1545	1540	210	180			
57	a) Ashuganj TPP Unit-3	Gas	(APSCCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage		
	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	80	80	80	80	54		Gas Shortage		
58	Ashuganj 50 MW PP	Gas	(APSCCL)	14x3.968	53	45	35	35	35	36					
59	Ashuganj 225 MW CCPP	Gas	(APSCCL)	1x142+1*75	221	221	211	190	50	214					
60	Ashuganj 450 MW CCPP(South)	Gas	(APSCCL)	1x360	360	360	270	250	360	360					
61	Ashuganj 450 MW CCPP(North)	Gas	(APSCCL)	1x361	360	360	265	270	360	360					
62	Ashuganj 55 MW PP (Precision)	Gas	(RPP)	15*4	55	55	5	42	20	20	13		Gas shortage		
63	Ashuganj 195MW PP (APSCCL)	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	28	51	51					
65	Ashuganj 150MW PP (Midland)	HFO	(IPP)	23x7.015	150	150	78	133	150	150					
66	Titas 50 MW Peaking PP	HFO	(PDB)	6x8.92	52	52	0	50	0	42					
67	Chandpur 150 MW CCPP	Gas	(PDB)	1X106+1x57	163	163	90	86	100	100					
68	Chandpur 200MW (Desh energy)	HFO	(IPP)	12x18.415	200	200	0	200	200	200					
69	Feni 22MW PP (Doreen)	Gas	(SIIP, PDB)	8x2.90	22	22	18	18	21	21					
70	Feni 11 MW PP (Doreen)	Gas	(SIIP, REB)	4x2.90	11	11	8	11	11	11					
71	Jangalia 33MW PP (Summit)	Gas	(SIIP, PDB)	4x8.73	33	33	33	33	33	33					
72	Jangalia 52 MW PP (Lakdanavi)	HFO	(IPP)	6x8.92	52	52	25	43	43	43					
73	Cumilla 25 MW PP (Summit)	Gas	(SIIP, REB)	3x3.67+2x6.97	25	25	9	21	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	114	114	114					
76	Chowmuhani 113 MW	HFO	(IPP)	12*9.78+2*3.1	113	113	110	113	113	113					
**	Impoport (Tripura)	India			160	160	146	148	157	173					
Cumilla Zone Total					3040	2980	1434	1873	1926	2349	518	0			
77	RPCL 210MW CCPP	Gas	(IPP)	4x35+1x70	210	202	154	159	160	160					
78	Tangail 22 MW PP (Doreen)	Gas	(SIIP, PDB)	8x2.90	22	22									

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.09.20 (Yesterday)		10.09.20 (Today)		09.09.20 (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	91	91	90	90				
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	28	28	30	30				
85	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	50	53	51	51		62	GT-4 Under maint.	
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	49	49	44	44				
87	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	64	64	64				
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	300	308	300	300				
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	83	85	86	86				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	186	184	190	190				
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	16	24	25	25				
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	290	341	341				
98	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.	
	Bibiana South 400 MW	Gas (PDB)				0	0	0	0				
Sylhet Zone Total					2033	1988	1375	1378	1423	1423	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	355	345	410	410				
101	Fairpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	12	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	200	225	225				
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	99	99	115	115				
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	80	100				
106	Noapara 40 MW PP (Khanjahan Al)	HFO (QRPP)	5x8.5	40	40	16	40	40	40				
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	70	105	105				
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	931	931	946	946				
Khulna Zone Total					2288	2284	1521	1797	2021	2147	0	0	
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	64	80	110	110				
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	23	41	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	15	87	65	65		107	GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	77	78	80	80				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	430	580	620	620				
Barishal Zone Total					1054	1054	609	866	908	908	0	107	
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	71			Gas Shortage	
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	35	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 (Paramour)	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	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	96	100	100				
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	43	43	43				
121	Katakali 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	141	145	220	220		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	170	180	220	220				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	414	398	414	414				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	21	22	22				
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	8	11	11				
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11				
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	34	43	43				
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	90	90	90	90				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	113	113	113				
Rajshahi Zone Total					2193	2183	887	1255	1487	1609	171	285	
133	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage	
	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	151	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	79	98	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	4	0	8	0				
Rangpur Zone Total					685	605	234	248	271	263	170	0	
Sub-total: Plants in operation					20383	19892	10370.0	12493	13499	14870	1597	1604	
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	10370	12493	13499	14870	1597	1604	
(C) Actual data of 09.09.20 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	: 12493.00 MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	: 12052.00 MW, at = 21:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	: 12493.00 MW, at = 21:00 hrs		Dhaka	4074	4074	0	Mymensingh	992	992	0		
04.	Minimum Generation (Generation end)	: 9122.00 MW, at = 7:00 hrs		Chattogram	1257	1257	0	Sylhet	549	549	0		
05.	Day-peak Generation (Generation end)	: 10370.00 MW, at = 11:00 hrs		Khulna	1557	1557	0	Barishal	372	372	0		
06.	Evening-peak Generation (Generation end)	: 12493.00 MW, at = 21:00 hrs		Rajshahi	1329	1329	0	Rangpur	743	743	0		
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 21:00 hrs		Cumilla	1179	1179	0						
08.	Actual Minimum Generation up to 8:00 hrs.	: 9121.00 MW, at = 7:00 hrs						Total	12052	12052	0		
09.	Generation shortfall at evening peak due to :	:											
	a) Gas limitation	: 1277 MW		13.	Fuel cost :	(a) Gas = 163674225 Taka	(c) Coal = 77073101 Taka						
	d) Coal supply Limitation	: 170 MW				(b) Oil = 608438400 Taka	Total = 849185726 Taka						
	b) Low water level in Kaptai lake	: 150 MW											
	c) Plants under shut down/ maintenance	: 1604 MW		14.	Maximum Temperature in Dhaka was :	34.1° C							
10.	Total Energy (Generation + India Import)	: 258.04 MKWh		15.	Export through East-West interconnections :								
	By Gas = 141.056 MKWh	By Oil = 72.133 MKWh			At evening peak-hour	: -42 MW, at 21:00 hrs							
	By Coal = 16.690 MKWh	By Hydro = 1.881 MKWh			Maximum	: -60 MW, at 20:00 hrs							
	By Solar= 0.180 MKWh				Energy	: 0.117 MKWh							
11.	Total Gas Supplied	: 1134.43 MMCFD											
(D) Forecast of 10.09.20 (Today) Thursday :													
01.	Maximum Demand	: 12700 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	: 14870 MW (Generation end)	05.	Total Generation	: 262.32 MKWh								
03.	Maximum Shortage	: -2170 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	33.0° C								

*Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation