



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month September, 2020		Day : Tuesday		Date : 01.09.20									
Probable Maximum Demand :		12200 MW		Probable Maximum Generation : 14642 MW									
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 93.18 ft		Today = 93.18 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.08.20 (Yesterday)		01.09.20 (Today)		Rule Curve = 99.00 ft		31.08.20 (Yesterday) Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Status of Machines under shut-down/ Maintenance
					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	28	28	28	28			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	150	150	150	150	30			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	Ghorasal 108MW PP (Regent)	Gas (IPP)	3x43.35	108	108	84	72	90	90	36			Gas Shortage
4	Ghorasal 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 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	309	355	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	390	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	342	338	412	412				
11	Siddhirgonj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	100	100	210			Gas Shortage
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335			Gas Shortage
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	99	100	100	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	140	120	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	0	30	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	77	93	85	102				
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	19	22	22	22				
21	Summit Power,(Madhadi-Ashulia)	Gas (SIIP, REB)	6x3.67+1x8.73	80	80	52	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	33	33	33	33				
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	43	51	52	52				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	88	105	100	100				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	133	149	149	149				
27	Katpotti 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	53	53	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	300	300	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	131	130	133	133				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	160	100	300				
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	100	50	100				
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	104	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	2995	3580	3781	4048	1064	537		
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	87	87	88	90	143			Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0			180	Under maint.
	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	2	0	5	0	0				
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	25	8	25	25				
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	15.4	0	20	0				
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	39	50	50	50				
44	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	51	34	100	100				
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	147	139	150	150	150	11		225	Gas shortage
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0				Under MI
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	306	307	300	300				
48	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	50	100	100				
49	Juldah 100 MW Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	90	100	100	100				
50	Dohazari -Kalais 100 MW Peakin	HFO (PDB)	6x17.0	102	102	85	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 (SIIP, PDB)	8x2.90	22	22	18	21	21	21				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	20	15	30				
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	76	90	95	95				
54	Sikalbaha 54 MW Power Plant(Jodioc Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	54	54	54				
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	17	50	110				
56	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	90	100	100	100				
Chattogram Zone Total				2326	2266	1087.4	1162	1373	1425	154	585		
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	0	0	0	0	134			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	187	168	225	225				
60	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	300	300	360	360				
61	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	310	330	360	360				
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	20	20	50	50	35			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	51	51	51	51				
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	86	84	150	150				
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	33	0	42				
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	147	86	150	150				
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	100	190	200	200				
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	20	20	21	21				
70	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	0	11	11	11				
71	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	0	33	33	33				
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	40	43	43	43				
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	15	20	20	20				
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+4x1.15+15x1.05	200	200	0	100	0	200				
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	114	114	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	122	146	157	173				
Cumilla Zone Total				3040	2980	1660	1905	2101	2360	620	0		
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	119	126	157	160				
78	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	17	18	20	20				
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	72	72	72	72				
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	112	115	115	115				
81	Myemsingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	181	184	200	200				

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.08.20 (Yesterday)		01.09.20 (Today)		31.08.20 (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	90	91	90	90				
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30				
85	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	50	53	51	51		60	GT-4 Under maint.	
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	47	44	44				
87	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	163	163	163				
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	0	11	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	61	67	66	66				
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	216	205	210	210				
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	83	84	86	86				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	60	80	80				
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	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	Bibiara-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	270	260	341	341				
98	Bibiara-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.	
	Bibiara South 400 MW	Gas (PDB)				0	0	0	0				
	Sylhet Zone Total			2033	1988	983	1105	1225	1225	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	400	325	410	410				
101	Fairdur 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	3	0	60				
103	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	150	200	225	225				
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	115	115	115	115				
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	60	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	53	105	105	105				
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	934	935	944	944				
	Khulna Zone Total			2288	2284	1692	1823	1999	2145	0	0		
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	110	110				
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	27	39	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	60	60	65	65		134	GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	78	76	80	80				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	520	520	622	622				
	Barishal Zone Total			1054	1054	685	805	910	910	0	134		
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	0	0	0	0		100	Gas Shortage	
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	50	50	0	50				
116	Baghabari 200 MW PP (Paramoun)	HSD (IPP)	135x1.6	200	200	0	100	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	21	97	100	100				
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	45	0	50				
121	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
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	157	178	220	220				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	150	214	220	220				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	405	371	414	414				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22				
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	11	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	43	43	43	43				
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	72	90	113	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	75	113	113	113				
	Rajshahi Zone Total			2193	2183	1016	1427	1517	1689	381	0		
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	149	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	74	105	113	113				
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
138	Majpara, Tatalia 8 MW Solar PP (Sympa I)	Solar (IPP)	1 x 8	8	8	0.7	0	8	0				
	Rangpur Zone Total			685	605	224	255	271	273	170	0		
	Sub-total: Plants in operation			20383	19892	10843.5	12577	13743	14642	2389	1716		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss			10364	12021	13135	13995						
	(B) Contract expired power plants												
	Sub-Total: Plants under long term maintenance			0	0	0	0	0	0				
	Gross Total			20383	19892	10844	12577	13743	14642	2389	1716		
	(C) Actual data of 31.08.20 (Yesterday) Monday :												
01.	Max. Demand (Generation end)			12577.00	MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)			12021.00	MW, at = 19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)			12577.00	MW, at = 19:30 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)			9522.80	MW, at = 7:00 hrs	Dhaka	4228	4228	0	Mymensingh	985	985	0
05.	Day-peak Generation (Generation end)			10843.50	MW, at = 12:00 hrs	Chattogram	1207	1207	0	Sylhet	494	494	0
06.	Evening-peak Generation (Generation end)			12577.00	MW, at = 19:30 hrs	Khulna	1490	1490	0	Barishal	383	383	0
07.	Evening Peak Load-shed (Sub-station end)			0.00	MW, at = 19:30 hrs	Rajshahi	1336	1336	0	Rangpur	781	781	0
08.	Actual Minimum Generation up to 8:00 hrs.			9026.89	MW, at = 7:00 hrs	Cumilla	1117	1117	0				
09.	Generation shortfall at evening peak due to :									Total	12021	12021	0
	a) Gas limitation			2076	MW	13.	Fuel cost :	(a) Gas = 147556502	Taka	(c) Coal = 71838578	Taka		
	d) Coal supply Limitation			170	MW		(b) Oil = 800162502	Taka	Total = 101955782	Taka			
	b) Low water level in Kaptai lake			143	MW								
	c) Plants under shut down/ maintenance			1716	MW	14.	Maximum Temperature in Dhaka was :	34.6° C					
10.	Total Energy (Generation + India Import)			267.15	MKWh	15.	Export through East-West interconnections :						
	By Gas = 129.336			MKWh	By Oil = 94.549		At evening peak-hour	: 50	MW, at 19:30 hrs				
	By Coal = 15.499			MKWh	By Hydro = 2.050		Maximum	: -305	MW, at 3:00 hrs				
	By Solar= 0.116			MKWh			Energy	: 0.961	MKWh				
11.	Total Gas Supplied			1057.78	MMCFD								
	(D) Forecast of 01.09.20 (Today) Tuesday :												
01.	Maximum Demand			12200	MW (Generation end)	04.	Maximum Load-shed	: 0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation			14642	MW (Generation end)	05.	Total Generation	: 259.14	MKWh				
03.	Maximum Shortage			-2442	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	32.7° C					

*Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation