



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month September, 2020		Day : Thursday				Date : 17.09.20									
Probable Maximum Demand :		12500 MW		Yesterday =		94.48 ft		Probable Maximum Generation :		13758 MW		Rule Curve =		102.45 ft	
Sl. No.	Name of Power Station	Fuel	Type	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.09.20 (Yesterday)		17.09.20 (Today)		16.09.20 (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
(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	Under maint.		
	c) Ghorasal Repowered CCPP Unit-4	Gas	(PDB)	1 x 210	210	180	0	0	0	0		180	STG Commissioning		
	d) Ghorasal TPP Unit-5	Gas	(PDB)	1 x 210	210	190	115	115	115	115		75	Gas Shortage		
2	Ghorasal 365 MW CCPP Unit-7	Gas	(PDB)	1x 254+1x 126	365	365	200	200	200	200					
3	Ghorashal 108MW PP (Regent)	Gas	(IPP)	3x43.35	108	108	0	53	53	53		55	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 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	0	154	250	250		206	Gas Shortage		
8	Meghnaghat 450 MW CCPP(MPL)	Gas	(IPP)	2x140+1x170	450	450	330	250	350	350		200	Gas Shortage		
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	351	339	360	360					
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	298	272	335	335					
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO	(QRPP)	12x8.9	100	100	100	100	100	100					
14	Meghnaghat CCPP(Summit)	GAS	(IPP)	2x110+1x110	305	305	0	0	0	0		305	Gas shortage		
15	Meghnaghat 100 MW(IEI)	HFO	(QRPP)	12x8.9	100	100	7	7	7	7					
16	Madanganj 102 PP(Summit)	HFO	(QRPP)	6x17	102	100	80	97	100	100					
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	46	12	12	100					
19	Gagnagar 102 MW PP (Digital Pow)	HFO	(IPP)	12x8.924	102	102	8	8	8	8					
20	Narsingdi 22 MW PP (Doreen)	Gas	(SIIP, REB)	8x2.90	22	22	22	22	22	22					
21	Summit Power,(Madhabdi-Ashulia)	Gas	(SIIP, REB)	6x3.67+1x8.73	80	80	37	45	55	55					
22	Maona 33 MW PP(Summit)	Gas	(SIIP, REB)	4x8.73	33	33	28	28	33	33					
23	Rupganj 33 MW PP(Summit)	Gas	(SIIP, REB)	4x8.73	33	33	8	33	33	33					
24	Gazipur 52 MW PP	HFO	(RPCL)	6x8.90	52	52	50	51	52	52					
25	Gazipur 100 MW PP	HFO	(RPCL)	6x18.415	105	105	86	103	100	100					
26	Kodda 150MW PP	HFO	(BPDB-RPCL)	9x17.06	149	149	150	150	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	54	54	54	54					
29	Kodda 300 MW PP Unit-2 (Summit)	HFO	(IPP)	18x17.076	300	300	170	286	300	300					
30	Kodda 149 MW PP Unit-1 (Summit)	HFO	(IPP)	8x18.415+1x8.97	149	149	132	149	149	149					
31	Keraniganj 300 MW PP (APR)	HSD	(IPP)	25x6.14	300	300	53	300	100	300					
32	Bramhangonj 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	52	102	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	17	17	70	80					
Dhaka Zone Total					6119	5895	2659	3214	3322	3670	1179	625			
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro	(PDB)	2x40, 3x50	230	230	42	76	40	40		154	Low Water Level		
39	a) Chattogram TPP-1	Gas	(PDB)	1 x 210	210	180	100	100	100	100		80	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	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	14	0	20	0					
43	Patenga 50MW PP (Baraka)	HFO	(IPP)	8x6.89	50	50	0	25	50	50					
44	Sikalbaha 105 MW PP (Baraka Sik)	HFO	(IPP)	6x18.415	105	105	17	17	100	100					
45	Sikalbaha Peaking GT	Gas	(PDB)	1 x 150	150	150	0	0	0	0		150	Gas Shortage		
46	Sikalbaha 225 MW CCPP	Gas	(PDB)	1 x 150+1 x 75	225	225	0	0	0	0		225	Gas Shortage		
47	Anwara 300 MW PP (United)	HFO	(IPP)	17x17.076+ 3x8.04	300	300	307	307	300	300					
48	Juldah 100 MW Unit-1 (Acom)	HFO	(QRPP)	8x13.45	100	100	80	40	100	100					
49	Juldah 100 MW Unit-3 (Acom)	HFO	(IPP)	8x13.45	100	100	90	100	100	100					
50	Dohazari -Kalaisah 100 MW Peakin	HFO	(PDB)	6x17.0	102	102	33	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	(SIIP, PDB)	8x2.90	22	22	21	21	21	21					
*	Malancha, Ctg EPZ (United)	Gas		5x8.73+3x9.34			2	22	5	20					
53	Chattogram 108 MW PP (ECPV)	HFO	(IPP)	16x7.00	108	108	71	85	85	85					
54	Sikalbaha 54 MW Power Plant(Jodiach 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	34	110	110					
56	Juldah unit-2 (Acom)	HFO	(IPP)	8x13.6	100	100	90	100	100	100					
Chattogram Zone Total					2326	2266	950	1074	1315	1305	609	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	70	80	80		64	Gas Shortage		
58	Ashuganj 50 MW PP	Gas	(APSCCL)	14x3.968	53	45	29	20	20	30					
59	Ashuganj 225 MW CCPP	Gas	(APSCCL)	1x142+1*75	221	221	96	87	160	160					
60	Ashuganj 450 MW CCPP(South)	Gas	(APSCCL)	1x360	360	360	265	170	200	200					
61	Ashuganj 450 MW CCPP(North)	Gas	(APSCCL)	1x361	360	360	280	270	270	280					
62	Ashuganj 55 MW PP (Precision)	Gas	(RPP)	15*4	55	55	15	0	5	5		55	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	51	51	51					
65	Ashuganj 150MW PP (Midland)	HFO	(IPP)	23x7.015	150	150	128	135	150	150					
66	Titas 50 MW Peaking PP	HFO	(PDB)	6x8.92	52	52	46	50	0	50					
67	Chandpur 150 MW CCPP	Gas	(PDB)	1X106+1x57	163	163	51	45	60	100					
68	Chandpur 200MW (Desh energy)	HFO	(IPP)	12x18.415	200	200	80	180	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	34	43	43					
73	Cumilla 25 MW PP (Summit)	Gas	(SIIP, REB)	3x3.67+2x6.97	25	25	18	21	21	21					
74	Daudkandi 200 MW PP (B.Trac)	HSD	(IPP)	8x1.4+4x1.515+15x1.05	200	200	0	192	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	103	112	113	113					
**	Impoport (Tripura)	India			160	160	140	174	157	173					
Cumilla Zone Total					3040	2980	1580	1795	1717	2043	570	0			
77	RPCL 210MW CCPP	Gas	(IPP)	4x35+1x70	210	202	119	108	140	140		94	Gas Shortage		
78	Tangail 22 MW PP (Doreen)	Gas	(SIIP, PDB)	8x2.90	22	22	0	16	20	22					
79	Jamalpur 95 MW PP(Powerpac)	HFO	(IPP)	12x8.924	95	95	47	47	55	55					
80	Jamalpur 115 MW PP (United)	HFO	(IPP)	12x9.87	115	115	35	115	115	115					
81	Myemsingh 200 MW PP (United)	HFO	(IPP)	21x9.780	200	200	170	192	200	200					

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.09.20 (Yesterday)		17.09.20 (Today)		16.09.20 (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	74	74	90	90				
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	20	30	30	30				
85	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	47	49	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	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	8	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	31	25	32	32				
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	237	234	250	250				
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	180	184	180	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	22	25	25				
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	280	341	341				
98	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0			Under maint.	
	Bibiana South 400 MW	Gas (PDB)				0	0	0	0				
	Sylhet Zone Total			2033	1988	1229	1235	1331	1341	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	320	340	410	410				
101	Fairpur 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	120	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	100	50	100				
106	Noapara 40 MW PP (Khanjahan Al)	HFO (QRPP)	5x8.5	40	40	16	32	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	929	929	945	945				
	Khulna Zone Total			2288	2284	1484	1671	1990	2146	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	38	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	66	67	65	68			GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	77	76	77	77				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	400	540	620	620				
	Barishal Zone Total			1054	1054	570	831	905	908	0	127		
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	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	175	200	200				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	35	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	47	50	50				
121	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	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	75	145	145	145			65 ST under maint.	
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	190	179	180	200				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0			220 Under Ml 21/09/2020	
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	404	398	414	414				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	20	21	22	22				
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	5	8	8				
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	52	52	52	52				
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	109	109	113	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	91	113	113	113				
	Rajshahi Zone Total			2193	2183	1060	1516	1408	1550	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	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	89	0	100	113				
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
138	Majpara, Talulia 8 MW Solar PP (Sympa I)	Solar (IPP)	1 x 8	8	8	0	0	8	0				
	Rangpur Zone Total			665	605	239	150	258	263	170	0		
	Sub-total: Plants in operation			20383	19892	10145.0	11966	12278	13758	2793	1677		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					9711	11454	12231	13169				
	(B) Contract expired power plants												
	Sub-Total: Plants under long term maintenance			0	0	0	0	0	0				
	Gross Total			20383	19892	10145	11966	12278	13758	2793	1677		
	(C) Actual data of 16.09.20 (Yesterday) Wednesday :												
01.	Max. Demand (Generation end)			11966.00	MW, at = 20:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)			11454.00	MW, at = 20:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)			11966.00	MW, at = 20:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)			8847.00	MW, at = 7:00 hrs	Dhaka	4103	4103	0	Mymensingh	894	894	0
05.	Day-peak Generation (Generation end)			10145.00	MW, at = 12:00 hrs	Chattogram	1128	1128	0	Sylhet	407	407	0
06.	Evening-peak Generation (Generation end)			11966.00	MW, at = 20:00 hrs	Khulna	1491	1491	0	Barishal	334	334	0
07.	Evening Peak Load-shed (Sub-station end)			0.00	MW, at = 20:00 hrs	Rajshahi	1264	1264	0	Rangpur	696	696	0
08.	Actual Minimum Generation up to 8:00 hrs.			9036.00	MW, at = 7:00 hrs	Cumilla	1137	1137	0				
09.	Generation shortfall at evening peak due to :									Total	11454	11454	0
	a) Gas limitation			2469	MW	13.	Fuel cost :	(a) Gas = 142973611 Taka	(c) Coal = 74990919 Taka				
	d) Coal supply Limitation			170	MW		(b) Oil = 785995010 Taka	Total = 1003959540 Taka					
	b) Low water level in Kaptai lake			154	MW								
	c) Plants under shut down/ maintenance			1677	MW	14.	Maximum Temperature in Dhaka was :	34.0° C					
10.	Total Energy (Generation + India Import)			253.90	MKWh	15.	Export through East-West interconnections :						
	By Gas = 124.025 MKWh				By Oil = 86.565 MKWh		At evening peak-hour	: 153	MW, at	20:00 hrs			
	By Coal = 16.216 MKWh				By Hydro = 1.129 MKWh		Maximum	: 16	MW, at	1:00 hrs			
	By Solar= 0.173 MKWh						Energy	: 0.013	MKWh				
11.	Total Gas Supplied			995.46	MMCFD								
	(D) Forecast of 17.09.20 (Today) Thursday :												
01.	Maximum Demand			12500	MW (Generation end)	04.	Maximum Load-shed	: 0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation			13758	MW (Generation end)	05.	Total Generation	: 265.23	MKWh				
03.	Maximum Shortage			-1258	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	34.0° C					

*Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation