



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month September, 2020			Day : Wednesday				Date : 16.09.20					
Probable Maximum Demand :			12300 MW				Probable Maximum Generation : 14484 MW					
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 94.19 ft				Today = 94.48 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.09.20 (Yesterday)		16.09.20 (Today)		Rule Curve = (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	15.09.20	16.09.20	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	93	72	0	0		36	Gas Shortage
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	40	40	0	0		38	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	234	199	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	380	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	368	330	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	286	284	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	122	125	0	0		180	Gas shortage
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	102	100	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	88	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	7	100	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	16	16	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	46	45	55	55			
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	25	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	16	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	55	86	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	16	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	300	300	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	133	149	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	53	100	300			
32	Bramhangan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	50	100	100			
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	52	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	35	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	3045	3393	3712	3972	589	625	
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	40	41	40	40		189	Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	130	130	130	130		50	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	3	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	7	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	20	50	50	50			
44	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	26	17	100	100			
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	100	50	120	120			
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	61	0	0			
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	306	306	300	300			
48	Julidah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	40	100	100			
49	Julidah 100 MW Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	100	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	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			3	25	5	30			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	77	85	85	85			
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	50	17	54	54			
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110			
56	Julidah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	100	100	100	100			
Chattogram Zone Total				2326	2266	983	1170	1465	1465	239	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	32	44	44			
59	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	109	126	150	150			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	255	265	360	360			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	300	270	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	0	15	15	15		40	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	43	51	51			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	75	127	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	82	76	100	100			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	150	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	11	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	3	43	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	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	113	113	113	113			
**	Impoport (Tripura)	India		160	160	132	172	157	173			
Cumilla Zone Total				3040	2980	1323	1767	2031	2297	545	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	102	104	140	140			
78	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	17	17	20	22			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	48	55	55	55			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	46	115	115	115			
81	Myemsingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	200	192	200	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	1.6	0			
Myemsingh Zone Total				645	637	415	483	531.6	532	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.09.20 (Yesterday)		16.09.20 (Today)		15.09.20 (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	74	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	44	49	51	51						
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	47	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	31	32	32	32						
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	238	238	300	300						
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	88	85	86	86						
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	232	205	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	10	10	10						
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	25	25						
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	300	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	1322	1286	1426	1426	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	285	410	410						
101	Fairpur 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 CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	180	225	225						
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	115	83	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	933	932	945	945						
Khulna Zone Total				2288	2284	1504	1647	1990	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	26	38	33	33						
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	69	68	65	68			GT-2 Under maint.			
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	76	77	77	77						
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	430	560	620	620						
Barishal Zone Total				1054	1054	601	807	905	908	0	126				
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	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 (Paramour)	HSD (IPP)	135x1.6	200	200	0	0	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	97	100	100						
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	44	50	50						
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	142	146	50	50			64 ST under maint.			
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	202	181	220	220						
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	401	393	414	414						
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	17	21	22	22						
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	8	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	0	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	55	94	113	113						
Rajshahi Zone Total				2193	2183	945	1273	1353	1475	171	284				
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	138	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	99	104	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	2	0	8	0						
Rangpur Zone Total				665	605	239	254	258	263	170	0				
Sub-total: Plants in operation				20383	19892	10377.0	12080	13672	14484	1714	1675				
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	10377	12080	13672	14484	1714	1675				
(C) Actual data of 15.09.20 (Yesterday) Tuesday :															
01.	Max. Demand (Generation end)	:	12080.00	MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	:	11591.00	MW, at = 19:30 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	:	12080.00	MW, at = 19:30 hrs		MW	MW	MW		MW	MW	MW	MW		
04.	Minimum Generation (Generation end)	:	9158.00	MW, at = 8:00 hrs		Dhaka	4061	4061	0	Mymensingh	886	886	0		
05.	Day-peak Generation (Generation end)	:	10377.00	MW, at = 12:00 hrs		Chattogram	1225	1225	0	Sylhet	465	465	0		
06.	Evening-peak Generation (Generation end)	:	12080.00	MW, at = 19:30 hrs		Khulna	1461	1461	0	Barishal	332	332	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs		Rajshahi	1248	1248	0	Rangpur	767	767	0		
08.	Actual Minimum Generation up to 8:00 hrs.	:	8847.00	MW, at = 7:00 hrs		Cumilla	1146	1146	0						
09.	Generation shortfall at evening peak due to :	:								Total	11591	11591	0		
	a) Gas limitation	:	1355	MW						(a) Gas =	160619785	Taka	(c) Coal =	76559717	Taka
	d) Coal supply Limitation	:	170	MW						(b) Oil =	626650987	Taka	Total =	863830489	Taka
	b) Low water level in Kaptai lake	:	189	MW											
	c) Plants under shut down/ maintenance	:	1675	MW											
10.	Total Energy (Generation + India Import)	:	257.31	MKWh		14.	Maximum Temperature in Dhaka was :			34.0° C					
	By Gas = 137.708	MKWh		By Oil = 76.007	MKWh	15.	Export through East-West interconnections :								
	By Coal = 16.587	MKWh		By Hydro = 0.882	MKWh		At evening peak-hour :			-86	MW, at	19:30 hrs			
	By Solar= 0.166	MKWh					Maximum :			-125	MW, at	19:00 hrs			
11.	Total Gas Supplied	:	1089.05	MMCFD			Energy :			0.3835	MKWh				
(D) Forecast of 16.09.20 (Today) Wednesday :															
01.	Maximum Demand	:	12300	MW (Generation end)	04.	Maximum Load-shed :							0	MW	At evening peak (Sub-station end)
02.	Maximum Generation	:	14484	MW (Generation end)	05.	Total Generation							261.99	MKWh	
03.	Maximum Shortage	:	-2184	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