



**Bangladesh Power Development Board**  
**DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation  
Tel : 9564667, 9551095

Month <b>September, 2019</b>				Day : <b>Friday</b>				Date : <b>20.09.19</b>				
Probable Maximum Demand : <b>11600</b> MW				Probable Maximum Generation : <b>15133</b> MW				Rule Curve = <b>103.37</b> ft.				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = <b>104.75</b> ft.				Today = <b>104.75</b> ft.				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.09.19 (Yesterday)		20.09.19 (Today)		19.09.19 Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening				
<b>(A) Plants in operation:</b>												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	73	73	73	73			
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	94	95	100	100			On Test
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0			On Test
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	190	190	190	190			
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	251	210	280	280			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0	108		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 GTPP	Gas (PDB)	2 x 32	64	40	0	0	0	0	40		Gas Shortage
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	323	320	350	350			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	450	450	450	450			
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	371	347	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	217	217	0	0	0	0		217	Under transformer Maint. 24.9.19
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	70	100	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	150	150	150			
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	93	93	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	81	81	81	81			
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	60	100	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	101	101	100	100			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
21	Summit Power,(Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	50	50	57	57			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	51	51	52	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	68	68	105	105			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	100	149	149	149			
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	6	20	40	40			
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	30	280	200	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	149	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	18	200	300			
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	30	0	100			
33	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	33	0	100			
34	Nabaganj 55 MW PP (Southern pc)	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	65	72	72	72			
<b>Dhaka Zone Total</b>				<b>5929</b>	<b>5693</b>	<b>2983</b>	<b>3536</b>	<b>3765</b>	<b>4165</b>	<b>656</b>	<b>217</b>	
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	175	180	182	182			
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	75	75	75	75			
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0			
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	5.4	0	4.4	0			
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	8	25	25	25			
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	18.18	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	44	50	50	50			
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	0	50	100			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	145	145	100	145			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	205	177	210	210			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	125	125	230	260			
47	Juldah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	10	70	100	100			
48	Juldah 100 MW Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	70	100	100	100			
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	102	90	100			
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
51	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	22	22			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	21	10	30			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	12	97	90	98			
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	25	34	54	54			
54	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	17	17	113	113			
<b>Chattogram Zone Total</b>				<b>2226</b>	<b>2166</b>	<b>957.58</b>	<b>1239</b>	<b>1525.4</b>	<b>1664</b>	<b>0</b>	<b>0</b>	
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	80	130	130			
	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	0	0	0	0			
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	27	26	33	33			
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1'175	221	221	178	158	225	225			
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	360	360	320	320			
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	305	325	360	360			
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	50	47	55	55			
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20'9.73+1'116	195	195	78	78	195	195			
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	35	35	43	43			
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	30	100	150	150			
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	42	0	50			
65	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	102	95	100	100			
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	120	160	200	200			
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	22	22			
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11			
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	52	52	52			
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	20	20	20			
72	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	8x1.4+4x1.515+15x1.05	200	200	0	0	0	200			
**	Impoprt (Tripura)	India		160	160	154	180	138	188			
<b>Cumilla Zone Total</b>				<b>2813</b>	<b>2753</b>	<b>1606</b>	<b>1820</b>	<b>2087</b>	<b>2387</b>	<b>129</b>	<b>0</b>	
73	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	98	131	120	140			
74	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
75	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	91	95	95			
76	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	115	115	115			
77	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	197	200	200			
78	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	1.6	0			
<b>Mymensingh Zone Total</b>				<b>645</b>	<b>637</b>	<b>120</b>	<b>556</b>	<b>553.6</b>	<b>572</b>	<b>0</b>	<b>0</b>	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.09.19 (Yesterday)		20.09.19 (Today)		19.09.19 (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)			
79	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	60						
80	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	20	30						
81	Fenchugonj 51 MW PP (Barakatul)	Gas (RPP)	19x2.90	51	51	47	52						
82	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	48	48						
83	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	100						
84	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	8						
85	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	64	65						
86	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	243	213						
87	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	73	79						
88	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	43	43						
89	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	71	70						
90	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	18	17						
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	40	43						
92	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	9	9						
93	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24						
94	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	275	290						
95	Bibyana-III 400 MW CCPP	Gas (PDB)	1x285	285	285	419	418						
<b>Sylhet Zone Total</b>				<b>1879</b>	<b>1834</b>	<b>1628</b>	<b>1569</b>	<b>1757</b>	<b>1798</b>	<b>0</b>	<b>0</b>		
96	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0						
97	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 279+1 x 132	410	410	300	330						
98	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	22						
99	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	64						
100	Khuina 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0						
101	Khuina 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	32	115						
102	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100						
103	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	24	40						
104	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	17	90						
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	53	104						
**	Bheramara (HVDC)	India		1000	1000	903	902						
<b>Khuina Zone Total</b>				<b>2328</b>	<b>2314</b>	<b>1329</b>	<b>1767</b>	<b>1845</b>	<b>2115</b>	<b>0</b>	<b>0</b>		
106	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0						
107	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	32						
108	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	26	36						
109	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	106	183						
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	95	81						
<b>Barishal Zone Total</b>				<b>472</b>	<b>462</b>	<b>227</b>	<b>332</b>	<b>378</b>	<b>451</b>	<b>0</b>	<b>0</b>		
111 a)	Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	55	55						
111 b)	Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0				100	Under transformer Maint. 30.9.19	
112	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50						
113	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0						
114	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	38						
115	Amnura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	18	18						
116	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	47	78						
117	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	41						
118	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	24	50						
119	Santlaha 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	23						
120	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	200	177						
121	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	158	166						
122	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0						
123	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	290	292						
124	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	22						
125	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	13	13						
126	Ulapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11						
127	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	25	52						
128	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	55	113						
<b>Rajshahi Zone Total</b>				<b>2080</b>	<b>2070</b>	<b>914</b>	<b>1199</b>	<b>1366</b>	<b>1501</b>	<b>0</b>	<b>100</b>		
129 a)	Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	72	70						
129 b)	Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0				85	Under Maintenance 30.9.19	
130	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	270	270						
131	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	16						
132	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	99	99						
133	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0						
134	Majpara, Tatalia 8 MW Solar PP (Sympa Solar)	Solar (IPP)	1 x 8	8	8	7.1	0					On Test	
<b>Rangpur Zone Total</b>				<b>685</b>	<b>605</b>	<b>448</b>	<b>455</b>	<b>472</b>	<b>480</b>	<b>0</b>	<b>85</b>		
<b>Sub-total: Plants in operation</b>				<b>19057</b>	<b>18534</b>	<b>10213</b>	<b>12473</b>	<b>13749</b>	<b>15133</b>	<b>785</b>	<b>402</b>		
<b>Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss</b>						<b>9679</b>	<b>11690</b>	<b>13030</b>	<b>14342</b>				
<b>(B) Contract expired power plants</b>													
135	Ashuganj 53MW PP (United)	Gas (QRPP)	14x4.00	53	53	0	0					Contract expired	
136	Brahmanbaria 85 MW PP (Aggreko)	Gas (QRPP)	86x1.10	85	85	0	0					Contract expired	
Sub-Total: Plants under long term maintenance				138	138	0	0						
<b>Grand Total</b>				<b>19195</b>	<b>18672</b>	<b>10213</b>	<b>12473</b>	<b>13749</b>	<b>15133</b>	<b>785</b>	<b>402</b>		
<b>(C) Actual data of 19.09.19 (Yesterday) Thursday :</b>													
01.	Max. Demand (Generation end)	: 12473.00 MW, at = 21:00:00 hr	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :										
02.	Max. Demand (Sub-station end)	: 11690.00 MW, at = 21:00:00 hr	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW			
03.	Highest Generation (Generation end)	: 12473.00 MW, at = 19:30 hrs	Dhaka	4377	4377	0	Mymensingh	968	968	0			
04.	Minimum Generation (Generation end)	: 9004.90 MW, at = 8:00 hrs	Chattogram	1132	1132	0	Sylhet	534	534	0			
05.	Day-peak Generation (Generation end)	: 10212.68 MW, at = 11:00 hrs	Khuina	1453	1453	0	Barishal	319	319	0			
06.	Evening-peak Generation (Generation end)	: 12473.00 MW, at = 21:00:00 hr	Rajshahi	1453	1453	0	Rangpur	319	319	0			
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 21:00:00 hr	Cumilla	1135	1135	0	Total	11690	11690	0			
08.	Actual Minimum Generation up to 8:00 hrs.	: 8331.50 MW											
09.	Generation shortfall at evening peak due to :	:											
a)	Gas limitation	: 785 MW											
b)	Coal supply Limitation	: 0 MW											
c)	Plants under shut down/ maintenance	: 402 MW											
10.	Total Energy (Generation + India Import)	: 259.42 MKWh											
	By Gas =	155.416 MKWh											
	By Coal =	8.146 MKWh											
	By Solar =	0.223 MKWh											
11.	Total Gas Supplied	: 1346.98 MMCFD											
<b>(D) Forecast of 20.09.19 (Today) Friday :</b>													
01.	Maximum Demand	: 11600 MW (Generation end)	04. Maximum Load-shed			: 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	: 15133 MW (Generation end)	05. Total Generation			: 241.26 MKWh							
03.	Maximum Shortage	: -3533 MW (Generation end)	06. Probable Max. Temperature in Dhaka :			: 34° C							

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

(MONIRUZAMAN)  
Deputy Secretary, Generation