



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month September, 2019		Day : Sunday				Date : 22.09.19					
Probable Maximum Demand : 12300 MW		Probable Maximum Generation : 15544 MW				Rule Curve = 103.84 ft.					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 104.67 ft.				Today = 104.59 ft.					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.09.19 (Yesterday)		22.09.19 (Today)		21.09.19 (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)	
(A) Plants in operation:											
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	73	73	73	73		
	b) Ghorasal Repowered CCGP Unit-3	Gas (PDB)	1 x 210	210	170	179	178	160	160		On Test
	c) Ghorasal Repowered CCGP 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	0	0	0	0		
2	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	250	251	270	270		
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	20	20	20	20	20	Gas Shortage
7	Haripur 360MW CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	344	352	350	350		
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	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 CCGP	Gas (EGCB)	1x273+1x139	412	412	405	349	360	360		
11	Siddhirgonj 2'120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	67	105	105	143	Gas Shortage
12	Siddhirgonj 335 MW CCGP	Gas (EGCB)	1 x 217	217	217	0	0	0	218		217
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	50	100	100		Under Maint. 24.9.19
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	150	150	150		
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	74	100	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	80	81	81		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	88	100	100		
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	93	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	16	33	33	33		
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	52	51	52	52		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	85	103	105	105		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	64	120	149	149		
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	6	46	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	0	0	200	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	15	149	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	200	300		
32	Bramhangaan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100		
33	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	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	72	66	72	72		
Dhaka Zone Total				5929	5693	2590	3201	3750	4368	569	217
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	177	182	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	0	0	4.4	0		
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25		
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	11	0	20	0		
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	6	50	50	50		
43	Sikalbaha 105 MW PP (Baraka Siku)	HFO (IPP)	6x18.415	105	105	0	17	50	100		
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	120	120	130	130		
45	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	205	206	210	210		
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	110	107	230	260		
47	Juldah 100 MW Unit-1 (Accorn)	HFO (QRPP)	8x13.45	100	100	10	10	100	100		
48	Juldah 100 MW Unit-3 (Accorn)	HFO (IPP)	8x13.45	100	100	30	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	27	10	30		
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	11	72	90	98		
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	34	54	54	54		
54	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	17	17	113	113		
Chattogram Zone Total				2226	2166	829	1185	1555.4	1649	0	0
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	130	110	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	24	26	33	33		
57	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+175	221	221	172	218	225	225		
58	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	360	360	360	360		
59	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	315	320	360	360		
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	44	50	55	55		
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20'9.73+1'16	195	195	8	8	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	0	60	150	150		
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	42	0	50		
65	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	50	100	100	100		
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	17	160	180	180		
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	11	11	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	11	20	20	20		
72	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	8x1.4+4x1.515+15x1.05	200	200	0	0	0	200		
**	Impoort (Tripura)	India		160	160	130	190	138	190		
Cumilla Zone Total				2813	2753	1369	1816	2107	2409	129	0
73	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	145	149	150	150		
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	90	91	95	95		
76	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	115	115	115		
77	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	7	196	200	200		
78	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2	1	0	1.6		
Mymensingh Zone Total				645	637	381.1	573	583.6	582	0	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.09.19 (Yesterday)		22.09.19 (Today)		21.09.19 (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 CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	58	60	60	60				
80	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	40	40	40	40				
81	Fenchugonj 51 MW PP (Barakatul)	Gas (RPP)	19x2.90	51	51	44	50	51	51				
82	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	48	49	50	50				
83	Kushiana 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	100	163	163	163				
84	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11				
85	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	61	66	66				
86	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	172	192	259	259				
87	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	76	82	79	80				
88	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	40	43	43	43				
89	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	68	117	150	150				
90	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	17	17	18	18				
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	39	43	43	43				
92	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	8	10	10	10				
93	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24				
94	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	280	335	335				
95	Bibiana-III 400 MW CCGP	Gas (PDB)	1x285	285	285	408	425	400	400				
Sylhet Zone Total					1879	1834	1500	1664	1802	1803	0	0	
96	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	30				
97	Bheramara 360 MW CCGP	Gas (NWPGL)	1 x 278+1 x 132	410	410	230	250	300	410				
98	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	35	0	40				
99	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	62	0	70				
100	Khulina 225 MW CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	200	200				
101	Khulina 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	115	115				
102	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	80	100				
103	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
104	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	17	70	105	105				
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	53	85	100	100				
**	Bheramara (HVDC)	India		1000	1000	913	918	935	935				
Khulina Zone Total					2328	2314	1213	1675	1875	2145	0	0	
106	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
107	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	48	70	110				
108	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	20	37	33	33				
109	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	185	182	180	183				
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	96	96	95	95				
Barishal Zone Total					472	462	301	363	378	451	0	0	
111 a)	Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	45	55	55	55				
b)	Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Under transformer Maint.	30.9.19	
112	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	0	50				
113	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
114	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	37	0	40				
115	Amnura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	0	18	18	18				
116	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	85	78	78				
117	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	37	46	45	45				
118	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	42	50	50	50				
119	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	27	0	35				
120	Sirajgonj 225MW CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	164	163	214	214				
121	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	164	166	200	210				
122	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	20	220				
123	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	215	215	295	295				
124	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
125	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	13	15	20	20				
126	Ulapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
127	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	52	52	52	52				
128	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	113	113	113	113				
Rajshahi Zone Total					2080	2070	878	1125	1393	1728	0	100	
129 a)	Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0				
b)	Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Maintenance	30.9.19	
130	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	260	260	280	280				
131	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	16	0	16				
132	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	35	113	113	113				
133	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
134	Majpara, Tatalia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	6.9	0	8	0			On Test	
Rangpur Zone Total					685	605	302	389	401	409	0	85	
Sub-total: Plants in operation					19057	18534	9363	11991	13845	15544	698	402	
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss					9001	11393	13309	14943					
(B) Contract expired power plants													
135	Ashuganj 53MW PP (Uniled)	Gas (QRPP)	14x4.00	53	53	0	0	0	0			Contract expired	
136	Brahmanbaria 85 MW PP (Aggreko)	Gas (QRPP)	86x1.10	85	85	0	0	0	0			Contract expired	
Sub-Total: Plants under long term maintenance					138	138	0	0	0	0			
Gross Total					19195	18672	9363	11991	13845	15544	698	402	
(C) Actual data of 21.09.19 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	11991.00 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)	:	11393.00 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)	:	11991.00 MW, at = 20:00 hrs	Dhaka	4199	4199	0	Mymensingh	974	974	0		
04.	Minimum Generation (Generation end)	:	8987.90 MW, at = 8:00 hrs	Chattogram	1107	1107	0	Sylhet	532	532	0		
05.	Day-peak Generation (Generation end)	:	9363.00 MW, at = 11:00 hrs	Khulina	1407	1407	0	Barishal	337	337	0		
06.	Evening-peak Generation (Generation end)	:	11991.00 MW, at = 21:00:00 hr	Rajshahi	1407	1407	0	Rangpur	337	337	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 21:00:00 hr	Cumilla	1093	1093	0						
08.	Actual Minimum Generation up to 8:00 hrs.	:	8771.30 MW										
09.	Generation shortfall at evening peak due to :	:											
a)	Gas limitation	:	698 MW	13.	Fuel cost :		(a) Gas = 147818603 Taka	(c) Coal = 26114241 Taka					
d)	Coal supply Limitation	:	0 MW				(b) Oil = 502124591 Taka	Total = 173932844 Taka					
b)	Low water level in Kaptai lake	:	0 MW										
c)	Plants under shut down/ maintenance	:	402 MW	14.	Maximum Temperature in Dhaka was :		35.0° C						
10.	Total Energy (Generation + India Import)	:	247.05 MKWh	15.	Export through East-West interconnections :								
	By Gas = 155.102 MKWh		By Oil = 55.689 MKWh		At evening peak-hour		:-280 MW, at 21:00:00 hrs PM						
	By Coal = 6.385 MKWh		By Hydro = 4.232 MKWh		Maximum		:-290 MW, at 19:30 hrs						
	By Solar= 0.142 MKWh				Energy		: 0.8205 MKWh						
11.	Total Gas Supplied	:	1355.10 MCMCFD										
(D) Forecast of 22.09.19 (Today) Sunday :													
01.	Maximum Demand	:	12300 MW (Generation end)	04.	Maximum Load-shed		: 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	15544 MW (Generation end)	05.	Total Generation		: 253.42 MKWh						
03.	Maximum Shortage	:	-3244 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :		: 32.9° C						

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

(MONIRUZZAMAN)
Deputy Secretary, Generation