



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9544667, 9551095

Month September, 2019		Day : Tuesday				Date : 01.10.19					
Probable Maximum Demand : 10700 MW		Probable Maximum Generation : 14965 MW				Rule Curve = (106.00) ft.					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 104.53 ft				Today = 104.49 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.09.19 (Yesterday)		01.10.19 (Today)		30.09.19 (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	38	38	38	38		
	b) Ghorasal Repowered CCGP Unit-3	Gas (PDB)	1 x 210	210	170	129	178	210	210		On Test
	c) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0		On Test (Gas Shortage)
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Gas Shortage
2	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	330	320	350	35	Gas Shortage
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 CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	303	358	350	350		
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	360	430	450	450		
9	210 MW Siddhirganj 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	355	348	370	412		
11	Siddhirganj 2'120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217	217	217	0	0	0	0		
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	7	100	100		
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	120	120	150	150		
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	7	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	15	80	80		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100		
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	32	68	100	100		
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	22	22	22		
21	Summit Power,(Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	56	56	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	34	43	43	43		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	105	106	100	100		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	64	64	149	149		
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	6	10	46	46		
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	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	0	45	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	200	300		
32	Bramhangon 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	0	35	55	55		
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	35	55	55		
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	69	70	70	70		
Dhaka Zone Total				5929	5693	2091	2524	3689	4161	881	0
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	210	210	210	210		
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	180	Under Maintenance 02.10.2019
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	5.3	0	4.4	0		
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	16	25	25		
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	0	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	0	0	100		
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	140	110	145	140		
45	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	208	203	210	210		
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	123	122	230	260		
47	Julda 100 MW Unit-1 (Accorn)	HFO (QRPP)	8x13.45	100	100	0	10	100	100		
48	Julda 100 MW PP Unit-3 (Accorn)	HFO (IPP)	8x13.45	100	100	50	100	100	100		
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	85	90	102		
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	19	19	22	22		
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	22	10	20		
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	5	18	90	90		
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	54	54	54		
54	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	113	113		
Chattogram Zone Total				2226	2166	897.3	1094	1548.4	1671	0	180
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135	Gas Shortage
	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	80	80	100	100		
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	17	20	33	33		
57	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1'175	221	221	194	181	200	225		
58	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	280	310	360	360		
59	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	295	350	360	360		
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	30	50	55	55		
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20'9.73+1'116	195	195	16	16	16	16		
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	5	25	43	43		
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	85	150	150		
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	8	50		
65	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	100	100	0	50		
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	50	180	180	180		
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22		
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	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	1	52	52	52		
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	16	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	126	160	138	178		
Cumilla Zone Total				2813	2753	1267	1695	1781	2138	264	0
73	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	162	163	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	4	95	95	95		
76	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	65	115	115	115		
77	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	50	200	200		
78	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1	0	1.6	0		
Mymensingh Zone Total				645	637	254	445	583.6	582	0	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.09.19 (Yesterday)		01.10.19 (Today)		30.09.19 (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 CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	60	60	60				
80	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30				
81	Fenchugonj 51 MW PP (Barakatul)	Gas (RPP)	19x2.90	51	51	11	42	51	51				
82	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	49	44	44				
83	Kushiana 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	100	100	163	163				
84	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
85	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	64	67	68	68				
86	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	203	190	210	210				
87	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	10	79	82	82				
88	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	10	47	47	47				
89	Sylhet 150 MW CAPP	Gas (PDB)	1x142	142	142	73	68	110	130				
90	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	17	18	18	18				
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	15	44	43	43				
92	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	9	10	10	10				
93	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24				
94	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	290	335	335				
95	Bibiana-III 400 MW CAPP	Gas (PDB)	1x285	285	285	423	429	400	400				
Sylhet Zone Total					1879	1834	1370	1558	1706	1726	0	0	
96	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	30				
97	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 279+1 x 132	410	410	270	330	350	410				
98	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	37	0	45				
99	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	75	0	75				
100	Khulina 225 MW CAPP	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	66	115	115				
102	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	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	0	90	105	105				
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	17	87	100	100				
**	Bheramara (HVDC)	India		1000	1000	888	589	893	893				
Khulina Zone Total					2328	2314	1175	1314	1883	2113	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	16	70	110				
108	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	14	23	33	33				
109	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	178	177	178	182				
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	42	95	95	95				
Barishal Zone Total					472	462	234	311	376	450	0	0	
111 a)	Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	60	60	60	60				
111 b)	Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Under transformer Maint.	10.10.19	
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	0	0	45				
115	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	12	18	18				
116	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	50	80	82				
117	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	32	46	46				
118	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	16	50	50				
119	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	35				
120	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	187	155	214	214				
121	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	180	152	200	210				
122	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0				
123	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	363	398	400	400				
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	14	14	20	20				
126	Ulapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
127	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	52	52	52				
128	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	0	35	113	113				
Rajshahi Zone Total					2080	2070	831	1059	1486	1628	0	100	
129 a)	Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	68	71	70	70				
129 b)	Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Maintenance	05.10.19	
130	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	280	275	280	280				
131	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	16				
132	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	80	113	113				
133	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
134	Majpara, Tatalia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	3.4	0	8	0			On Test	
Rangpur Zone Total					685	605	351	426	471	496	0	85	
Sub-total: Plants in operation					19057	18534	8471	10426	13524	14965	1145	365	
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss					8071	9998	12886	14259					
(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	8471	10426	13524	14965	1145	365	
(C) Actual data of 30.09.19 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	10426.00	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)	:	9998.00	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)	:	10426.00	MW, at = 19:30 hrs	Dhaka	3765	3765	0	Mymensingh	741	741	0	
04.	Minimum Generation (Generation end)	:	7015.10	MW, at = 11:00 hrs	Chattogram	1117	1117	0	Sylhet	441	441	0	
05.	Day-peak Generation (Generation end)	:	8470.70	MW, at = 11:00 hrs	Khulina	1219	1219	0	Barishal	284	284	0	
06.	Evening-peak Generation (Generation end)	:	10426.00	MW, at = 21:00:00 hr	Rajshahi	1219	1219	0	Rangpur	284	284	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00:00 hr	Cumilla	928	928	0					
08.	Actual Minimum Generation up to 8:00 hrs.	:	6952.60	MW									
09.	Generation shortfall at evening peak due to :	:											
a)	Gas limitation	:	1145	MW	13.	Fuel cost : (a) Gas = 136989606 Taka		(c) Coal = 38136561 Taka					
d)	Coal supply Limitation	:	0	MW		(b) Oil = 172430806 Taka		Total = 175126168 Taka					
b)	Low water level in Kaptai lake	:	0	MW									
c)	Plants under shut down/ maintenance	:	365	MW									
10.	Total Energy (Generation + India Import)	:	205.61	MKW/h	14.	Maximum Temperature in Dhaka was : 31.2° C							
	By Gas = 148.826 MKWh			By Oil = 21.880 MKWh	15.	Export through East-West interconnections :							
	By Coal = 8.384 MKWh			By Hydro = 4.808 MKWh		At evening peak-hour : -20 MW, at 21:00:00 hrs PM							
	By Solar= 0.128 MKWh					Maximum : -30 MW, at 20:00 hrs							
11.	Total Gas Supplied	:	1238.50	MMCFD		Energy : 0.009 MKWh							
(D) Forecast of 01.10.19 (Today) Tuesday :													
01.	Maximum Demand	:	10700	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	14965	MW (Generation end)	05.	Total Generation : 211.02 MKWh							
03.	Maximum Shortage	:	-4265	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 29.9° C							

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

(MONIRUZZAMAN)
Deputy Secretary, Generation