



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

Office of the Member, Generation  
Tel : 954667, 9551095

Month: September, 2018				Day : Tuesday				Date : 04.09.18				
Probable Maximum Demand : 11500 MW				Probable Maximum Generation : 12148 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 104.66 ft				Today = 104.66 ft				
								Rule Curve = 98.67 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.09.18 (Yesterday)		04.09.18 (Today)		03.09.18 (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 ST:Unit-1	Gas (PDB)	1 x 55	55	40	37	37	37	37			
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	37	37	37	37			
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	110	110	110	110	60	Gas Shortage	
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage	
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	70	60	100	100	130	Gas Shortage	
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	120	120	120	120			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	51	80	86	86			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	76	70	72			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0			
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	0	0	0	0	40	Gas Shortage	
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	110	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	156	166	250	250			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	400	400	400	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage	
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	360	340	400	360			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	212	214	217	217			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	100	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	90	100	100	100			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	21	46	50	50			
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	305			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	100	100	92	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	97	97	97	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	87	87	100	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	84	102	102	102			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	19	22	22			
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	56	56	57	57			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	40	41	43	43			
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	75	149	149	149			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	41	40	40	40			
30	Kamalaghat Murshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	54	54	54			
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	175	254	265	265			
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	112	118	128	128			
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	305	300	300			
34	Bramhangan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	97	100	100			
35	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	99	100	100			
36	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	55	55			
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	55	55	55			
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	76	79	80	80			
Dhaka Zone Total				6084	5848	2912	3924	4147	4475	735	0	
39	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	200	200	204	204			
40	a) Chittagong ST:Unit-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage	
	b) Chittagong ST:Unit-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	16	16	16	16			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	50	50	50			
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Gas Shortage	
44	Shikalbaha Peaking GT	HSD (PDB)	1 x 150	150	150	135	135	135	135			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	230	231	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	50	40	51	51			
47	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	80	68	80	80			
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	49	0	50			
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	8	72	75	75			
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	25	10	10			
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	86	93	93	93			
Chattogram Zone Total				1641	1561	826	998	958	1008	400	0	
52	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	90	90	100	100			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	0	0	0	0			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	90	90	90	90			
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	30	20	20	20			
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	200	187	200	200			
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	287	276	300	300			
56	Ashuganj CCPP(North)	Gas (APSCL)	1x360	360	360	360	360	360	360			
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5			
58	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5			
59	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	68	68	78	78			
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51			
61	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	85	85	85			
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	41	0	41			
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	101	100	100	100			
64	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
65	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11			
66	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	33	33			
67	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	35	8	52	52			
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	22	20	20			
69	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	200	200	200			
**	Tripura	India		160	160	134	154	121	166			
Cumilla Zone Total				2601	2541	1617	1820	1853	1939	0	0	
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	18	50	45	50	152	Gas Shortage	
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	0	22	22			
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	88	50	95	95			
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	165	170	175	180			
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.9	0	2	0			
Mymensingh Zone Total				530	522	294.9	270	339	347	152	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.09.18 (Yesterday)		04.09.18 (Today)		03.09.18 (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)					
75	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	58	59	60	60							
76	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	0							
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	50	51	51							
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	47	47							
79	Kushiera 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	163	163	163	163							
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11							
81	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	64	64	66	66							
82	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	307	303	330	330							
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	85	86	86	86							
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	46	45	45							
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	128	128	130	130							
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	18	19							
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	44	47	48	49							
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	9	9							
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	23	23	23							
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	295	310	320	341							
Sylhet Zone Total				1594	1549	1338	1368	1407	1430	0	0					
91	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	32	0	48							
92	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	410	410	410	410							
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	30	0	41							
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	70	0	85							
95	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225							
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	81	92	93	93							
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	65	95	99	99							
98	Khulna (Agreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	0	0			Contract expired				
99	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	94	95	95							
100	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	16	16	16	16							
**	Bheramara HVDC Interconnector	India		500	500	491	490	495	496							
Khulna Zone Total				1783	1769	1063	1329	1208	1608	0	0					
101	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	14	0	24							
102	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	80	110	110	110							
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	19	37	33	33							
104	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	146	146	146	146							
105	Bhola Agreko 95 MW	Gas (QRPP)		95	95	96	96	95	95							
Barishal Zone Total				472	462	341	403	384	408	0	0					
106	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage				
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under Maintenance	21.09.18			
107	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	50	50							
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	44	40	42							
109	Amnura	HFO (QRPP)	7x7.79	50	50	40	40	40	40							
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	90	100	100							
111	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	46	47	47							
112	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	43	43	50	50							
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	32	0	35							
114	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	216	214	220	220							
115	Sirajganj CAPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	220	220	220	220							
	Sirajganj Unit-3 225MW	Gas (NWPGL)				0	0	0	0			On Test				
116	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22							
117	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	10	10							
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	8	11	11							
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	43	52	42	51							
Rajshahi Zone Total				1133	1123	605	871	852	898	71	100					
120	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	15.09.18			
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage				
121	Barapukuria ST:Unit - 3	Coal (PDB)	2 x 274	274	274	0	0	0	0	274		Coal Shortage				
122	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	15	0	16							
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	19							
Rangpur Zone Total				564	484	0	32	0	35	359	85					
Sub-total: Plants in operation				16402	15859	8997	11015	11148	12148	1717	185					
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8419	10308	10432	11368							
Gross Total				16402	15859	8997	11015	11148	12148	1717	185					
(B) Actual data of 03.09.18 (Yesterday) Monday :																
01.	Max. Demand (Generation end)	:	11015.00	MW, at = 19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :										
02.	Max. Demand (Sub-station end)	:	10308.00	MW, at = 19:30 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed			
03.	Highest Generation (Generation end)	:	11015.00	MW, at = 19:30 hrs		MW	MW	MW	MW	MW	MW	MW	MW			
04.	Minimum Generation (Generation end)	:	7583.20	MW, at = 7:00 hrs		Dhaka	3895	3895	0	Mymensingh	736	736	0			
05.	Day-peak Generation (Generation end)	:	8996.90	MW, at = 12:00 hrs		Chattogram	1061	1061	0	Sylhet	455	455	0			
06.	Evening-peak Generation (Generation end)	:	11015.00	MW, at = 19:30 hrs		Khulna	1306	1306	0	Barishal	257	257	0			
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs		Rajshahi	1076	1076	0	Rangpur	531	531	0			
08.	Generation shortfall at evening peak due to :					Cumilla	991	991	0	Total	10308	10308	0			
	a) Gas limitation	:	1358	MW		12.	Fuel cost : (a) Gas = 101354665 Taka (c) Coal = 0 Taka				Total = 604927673 Taka					
	b) Low water level in Kaptai lake	:	0	MW			(b) Oil = 503573009 Taka									
	c) Plants under shut down/ maintenance	:	185	MW		13.	Maximum Temperature in Dhaka was : 33.5° C									
09.	Total Energy (Generation + India Import)	:	218.76	MKWh		14.	Export through East-West interconnections :									
	By Gas = 142.99 MKWH			By Oil = 56.06 MKWh		At evening peak-hour : -830 MW, at 19:30 hrs										
	By Coal = 0.00 MKWH			By Hydro = 4.72 MKWh		Maximum : -830 MW, at 19:30 hrs										
10.	Total Gas Supplied	:	1188.54	MMCFD		Energy : 8.8840 MKWh										
(C) Forecast of 04.09.18 (Today) Tuesday :																
01.	Maximum Demand	:	11500	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)										
02.	Maximum Generation	:	12148	MW (Generation end)	05.	Total Generation : 228.40 MKWh										
03.	Maximum Shortage	:	-648	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 34.6° C										

\* Captive Power \*\* Imported Power

#Remarks: Highest Generation 11387MW on 18-07-2018 at 22:00

(MONIRUZZAMAN)  
Deputy Secretary, Generation