Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: October, 2018 | Day : **Tuesday** | Date : **09.10.18**

Probable Maximum Demand : 11500 MW | **Probable Maximum Generation :** 12675 MW

Water Level of Kaptai Lake at 06:00 AM | Yesterday = 102.56 ft | Today = 102.56 ft. | Rule Curve = 106.72 ft.

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.10.18 (Yesterday) Actual Peak Generation (MW)		09.10.18 (Today) Probable Peak Generation (MW)		08.10.18 (Yesterday) Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
							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	33	33	33	33				
	b) Ghorasal ST:Unit -2	Gas	(PDB)	1 x 55	55	45	35	35	35	35				
	c) Ghorasal ST:Unit-3	Gas	(PDB)	1 x 210	210	170	0	0	0	0	170		Gas Shortage	
	d) Ghorasal ST:Unit-4	Gas	(PDB)	1 x 210	210	180	0	110	0	0	70		Gas Shortage	
	(e) Ghorasal ST:Unit-5	Gas	(PDB)	1 x 210	210	190	190	190	190	190				
2	Ghorasal CCPP:Unit-7	Gas	(PDB)	1x 254+1x 126	365	365	376	280	365	380				
3	Ghorashal (Regent)	Gas	(IPP)	34x3.35	108	108	88	90	93	93				
4	Ghorasal 78.5MW (Max)	Gas	(QRPP)	2x40	78	78	9	77	78	78				
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	55	110	110				
8	Horipur Power CCPP	Gas	(IPP)	1x235+1x125	360	360	303	356	360	360				
9	Meghnaghat CCPP	Gas	(IPP)	2x140+1x170	450	450	400	450	450	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	350	350	412	412				
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	0	0	0	0		217	Under Maintenance	28.10.18
14	Siddirganj (Desh)	HSD	(QRPP)	96x1.2	100	100	0	40	100	100				
15	Siddirganj (Dutch Bangla)	HFO	(QRPP)	12x8.9	100	100	50	88	91	91				
16	Pagla (DPA)	HSD	(QRPP)	100x0.5	50	50	10	49	50	50				
17	Meghnaghat CCPP (Summit)	HSD	(IPP)	2x110+1x110	305	305	0	0	0	0				
18	Meghnaghat (IEL)	HFO	(QRPP)	12x8.9	100	100	35	100	100	100				
19	Madanganj (Summit)	HFO	(QRPP)	6x17	102	100	48	70	100	100				
20	Madanganj-55 MW	HFO	(IPP)	5x17.08+1x11.3	55	55	55	50	55	55				
21	Keranigonj (Powerpac)	HFO	(QRPP)	8x13.45	100	100	50	88	100	100				
22	Gagnagar (Orion)	HFO	(IPP)	12x8.924	102	102	24	102	102	102				
23	Narshingdi (Doreen)	Gas	(SIPP, REB)	8x2.90	22	22	0	22	22	22				
24	Summit Power,(Madhabdi+Ashulia)	Gas	(SIPP, REB)	6x3.67+7x8.73	80	80	41	57	57	57				
25	Summit Power, Maona	Gas	(SIPP, REB)	4x8.73	33	33	33	33	33	33				
26	Summit Power, Rupganj	Gas	(SIPP, REB)	4x8.73	33	33	33	33	33	33				
27	Gazipur (RPCL)	HFO	(RPCL)	6x8.90	52	52	33	42	42	42				
28	Kodda 150MW Power Plant	HFO	(BPDB-RPCL)	9x17.06	149	149	48	149	149	149				
29	Kathpotti 52 MW	HFO	(IPP)	7x7.90	51	51	32	34	40	40				
30	Kamalaghat Munshiganj (Banco Energy)	HFO	(IPP)	3x18.69	54	54	18	54	18	54				
31	Summit Gazipur-2	HFO	(IPP)	18x17.076	300	300	248	220	275	275				
32	Summit Kodda 149MW	HFO	(IPP)	8x18.415+1x8.97	149	149	113	113	120	130				
33	APR Energy , Keranigonj	HSD	(IPP)	256x1.4	300	300	0	0	300	300				
34	Bramhangoan 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	0	60	100	100				
35	Aourahati 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	0	61	100	100				
36	Southern Power	HFO	(IPP)	3x19.3	55	55	36	36	36	55				
37	Northern 55 MW	HFO	(IPP)	3x19.3	55	55	56	56	55	55				
38	Bosila 108 MW (CLC)	HFO	(IPP)	12x8.775+1x3.5	108	108	54	55	55	55				
	Dhaka Zone Total				**6084**	**5848**	**2801**	**3638**	**4259**	**4339**	**605**	**217**		
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	144	143	143	143	87		Water Level Low	
40	a) Chittagong ST:Unit -1	Gas	(PDB)	1 x 210	210	180	150	150	150	150	30		Gas Shortage	
	b) Chittagong ST:Unit -2	Gas	(PDB)	1 x 210	210	180	120	130	130	130	50		Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO	(RPCL)	3x8.9	25	25	8	25	25	25				
	Teknaf Solartech 20MW	Solar	(IPP)				11.1	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO	(IPP)	8x6.89	50	50	41	45	45	45				
43	Shikalbaha ST	Gas	(PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage	
44	Shikalbaha Peaking GT	Gas	(PDB)	1 x 150	150	150	0	0	0	0		150	Under Maintenance	11.10.18
45	Sikalbaha 225 MW CCPP (Dual Fuel)	GAS	(PDB)	1 x 150+1 x 75	225	225	204	202	225	225				
46	Sikalbaha (Energis)	HFO	(RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	50	50	50	50				
47	Julda (Acorn)	HFO	(QRPP)	8x13.45	100	100	90	90	90	90				
48	Dohazari-Kalaish Peaking	HFO	(PDB)	6x17.0	102	102	16	48	51	51				
49	Hathazari Peaking	HFO	(PDB)	11x8.9	98	98	0	20	72	72				
50	Barabkunda (Regent)	Gas	(SIPP, PDB)	8x2.90	22	22	19	22	22	22				
*	Malancha, Ctg.EPZ (United)	Gas		5x8.73+3x9.34			2	15	13	15				
51	Chittagong (ECPV)	HFO	(IPP)	16x7.00	108	108	85	99	99	99				
	Chattogram Zone Total				**1641**	**1561**	**940.1**	**1039**	**1135**	**1117**	**207**	**150**		
52	a) Ashuganj ST:Unit-3	Gas	(APSCL)	1 x 150	150	135	90	120	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	100	100	100	100				
53	Ashuganj Engines	Gas	(APSCL)	14x3.968	53	45	18	18	19	19				
54	Ashuganj CCPP 225 MW	Gas	(APSCL)	1×142+1*75	221	221	218	181	225	225				
55	Ashuganj CCPP(South)	Gas	(APSCL)	1x360	360	360	310	305	360	360				
56	Ashuganj CCPP(North)	Gas	(APSCL)	1x361	360	360	360	360	360	360				
57	Ashuganj (Precision)	Gas	(RPP)	15*4	55	55	0	0	0	0				
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	78	78	68	68				
60	Ashuganj (Midland)	Gas	(IPP)	6x9.34	51	51	0	0	0	0				
61	Brahmanbaria (Aggreko)	Gas	(QRPP)	86x1.10	85	85	85	85	85	85				
62	Titas (Daudkandi) Peaking	HFO	(PDB)	6x8.92	52	52	0	32	0	41				
63	Chandpur CCPP	Gas	(PDB)	1X106+1x57	163	163	140	138	140	140				
64	Feni (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	19	19	19	19				
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	33	33	33	33				
67	Jangalia (Lakdanavi)	HFO	(IPP)	6x8.92	52	52	16	0	52	52				
68	Summit Power, Comilla	Gas	(SIPP, REB)	3x3.67+2x6.97	25	25	18	21	22	22				
69	Daudkandi 200 MW	HSD	(IPP)	9x1.4+40x1.515+15x1.09	200	200	0	50	200	200				
**	Tripura		India		160	160	126	164	124	174				
	Cumilla Zone Total				**2601**	**2541**	**1624**	**1720**	**1923**	**2014**	**0**	**0**		
70	RPCL CCPP	Gas	(IPP)	4x35+1x70	210	202	48	49	49	49	153		Gas Shortage	
71	Tangail (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	0	22	22	22				
72	Jamalpur IPP	HFO	(IPP)	12x8.924	95	95	7	73	71	73				
73	Mymensingh 200MW (United)	HFO	(IPP)	21x9.780	200	200	170	168	170	170				
74	Sarishabari Solar Plant	Solar	(IPP)	12x8.924	3	3	2.2	0	2	0				
	Mymensing Zone Total				**530**	**522**	**227.2**	**312**	**314**	**314**	**153**	**0**		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.10.18 (Yesterday) Actual Peak Generation (MW)		09.10.18 (Today) Probable Peak Generation (MW)		08.10.18 (Yesterday) Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
											Gas/water/Coal limitation	Machines shut down	Description/ Remarks	Probable start-up date
							Day	Evening	Day	Evening	MW	(MW)		
75	Fenchuganj CCPP-1	Gas	(PDB)	2x32+1x33	97	70	53	49	67	67				
76	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	50	62	63	63				
77	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	43	53	53	53				
78	Fenchuganj (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	50	50	50	50				
79	Kushiara 163 MW CCPP	Gas	(IPP)	1x109+1x54	163	163	100	120	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	61	61	66	66				
82	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	316	300	330	330				
83	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	83	84	86	86				
84	Shajibazar (Energyprima)	Gas	(RPP)	27x2.0	50	50	45	46	45	45				
85	Sylhet 150MW GT	Gas	(PDB)	1x142	142	142	0	88	88	130				
86	Sylhet 20MW GT	Gas	(PDB)	1 x 20	20	20	19	19	19	19				
87	Sylhet (Enegyprima)	Gas	(RPP)	27x2.0	50	50	41	41	45	45				
88	Sylhet (Desh)	Gas	(RPP)	6x1.95	10	10	5	9	9	9				
89	Shahjahanulla 25MW	Gas	(CIPP, REB)	3x9.34	25	25	24	24	25	25				
90	Summit Bibiana- 2	Gas	(IPP)	1x222+1x119	341	341	290	260	341	341				
	Sylhet Zone Total				1594	1549	1191	1277	1461	1503	0	0		
91	Bheramara GT: Unit-1,2,3	HSD	(PDB)	3 x 20	60	46	0	0	0	32				
92	Bheramara 360 MW CCPP	Gas	(NWPGCL)	1 x 278+1 x 132	410	410	360	350	410	410				
93	Faridpur Peaking	HFO	(PDB)	8x6.98	54	54	0	35	0	39				
94	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	0	62	0	80				
95	Khulna CCPP	HSD	(NWPGCL)	1 x 150+1x75	230	230	120	240	230	230				
96	Khulna (KPCL-I)	HFO	(IPP)	19x6.5	110	110	10	94	100	100				
97	Khulna (KPCL-II)	HFO	(QRPP)	7x17	115	115	32	82	99	99				
98	Bangla Trac (Noapara)	HSD	(IPP)	70x1.4+7x1.515	100	100	0	96	95	96				
99	Noapara (Khanjahan Ali)	HFO	(QRPP)	5x8.5	40	40	24	32	32	32				
	Labon Chora 105 MW	HFO					0	20	0	0			On Test	
**	Bheramara HVDC Interconnector		India		1000	1000	715	722	728	728				
	Khulna Zone Total				2228	2214	1261	1733	1694	1846	0	0		
100	Barisal GT :Unit -1, 2	HSD	(PDB)	2 x 20	40	30	0	0	0	26				
101	Summit Barisal 110 MW	HFO	(IPP)	7 x 17.076	110	110	32	90	110	110				
102	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	23	36	33	33				
103	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	177	159	127	127				
104	Bhola Agreeko 95 MW	Gas	(QRPP)		95	95	91	96	95	95				
	Barishal Zone Total				472	462	323	381	365	391	0	0		
105	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	15.10.18
106	Baghabari Peaking	HFO	(PDB)	6x8.9	52	52	0	50	0	50				
107	Bera Peaking	HFO	(PDB)	9x8.29	71	71	0	53	0	53				
108	Amnura	HFO	(QRPP)	7x7.79	50	50	50	50	50	50				
109	Chapainawabganj-100 MW	HFO	(PDB)	12x8.924	104	104	0	90	90	90				
110	Katakhali Peaking	HFO	(PDB)	6x8.7	50	50	0	29	0	40				
111	Katakhali (Northern)	HFO	(QRPP)	6x8.9	50	50	50	50	50	50				
112	Santahar Peaking	HFO	(PDB)	6x8.7	50	50	0	40	0	33				
113	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	0	0	0	0				
114	Sirajganj CCPP 2	HSD	(NWPGCL)	1x150 + 1x75	220	220	130	185	220	220				
115	Sirajgonj CCPP-3 GT	Gas	(NWPGCL)	1x141	141	141	0	0	0	0				
	Sirajgonj Unit-4 414 MW(Gas)	Gas					221	300	300	300			On Test	
116	Bogura (GBB)	Gas	(RPP)	6x4.0	22	22	21	22	22	22				
117	Bogura (Engergyprima)	Gas	(RPP)	5x3.3+5x2.0	20	10	11	11	11	11				
118	Ullapara (Summit)	Gas	(SIPP, REB)	4x2.90	11	11	0	11	11	11				
119	Rajlanka 52 MW	HFO	(IPP)	6x8.92	52	52	8	34	43	43				
	Rajshahi Zone Total				1274	1264	491	925	797	973	71	100		
120	a) Barapukuria ST:Unit -1	Coal	(PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	30.10.18
	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	170	149	150	150	125		Coal Shortage	
122	Rangpur GT	HSD	(PDB)	1 x 20	20	20	0	13	0	10				
123	Syedpur GT	HSD	(PDB)	1 x 20	20	20	0	18	0	18				
	Rangpur Zone Total				564	484	170	180	150	178	210	85		
	Sub-total: Plants in operation				16988	16445	9028	11205	12098	12675	1246	552		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8521	10575	11418	11962				
(B)	**List of Contract Expired Power Plants :**													
124	Khulna (Aggreko) 55MW	HSD	(QRPP)	71x0.85	55	0	0	0	0	0			Contract expired	
	Sub-total: Plants under long term maintenance				55	0	0	0	0	0	0	0		
	Gross Total				17043	16445	9028	11205	12098	12675	1246	552		

(C)	Actual data of 08.10.18 (Yesterday)		Monday	:	
01.	Max. Demand (Generation end)	:	11205.00	MW, at =	19:00 hrs
02.	Max. Demand (Sub-station end)	:	10575.00	MW, at =	19:00 hrs
03.	Highest Generation (Generation end)	:	11205.00	MW, at =	19:00 hrs
04.	Minimum Generation (Generation end)	:	7630.90	MW, at =	8:00 hrs
05.	Day-peak Generation (Generation end)	:	9028.30	MW, at =	12:00 hrs
06.	Evening-peak Generation (Generation end)	:	11205.00	MW, at =	19:00 hrs
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:00 hrs
08.	Generation shortfall at evening peak due to :				
	a) Gas limitation	:	949	MW	
	b) Low water level in Kaptai lake	:	87	MW	
	c) Plants under shut down/ maintenance	:	552	MW	
09.	Total Energy (Generation + India Import)	:	229.97	MKWh	
	By Gas = 154.114 MKWH		By Oil = 47.873 MKWh		
	By Coal = 3.837 MKWH		By Hydro = 3.213 MKWh		
	By Solar= 0.084 MKWH				
10.	Total Gas Supplied	:	1231.60	MMCFD	

11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
Dhaka	4015	4015	0	Mymensingh	757	757	0
Chattogram	1055	1055	0	Sylhet	446	446	0
Khulna	1328	1328	0	Barishal	270	270	0
Rajshahi	1137	1137	0	Rangpur	595	595	0
Cumilla	972	972	0	Total	10575	10575	0

12.	Fuel cost :	(a) Gas = 109583482 Taka	(c) Coal = 14811592 Taka
		(b) Oil = 419230688 Taka	Total = 543625762 Taka

13.	Maximum Temperature in Dhaka was : 34.8° C
14.	Export through East-West interconnections :
	At evening peak-hour : -370 MW, at 19:00 hrs
	Maximum : -420 MW, at 1:00 hrs
	Energy : 2.0140 MKWh

(D)	Forecast of 09.10.18 (Today)		Tuesday	:	
01.	Maximum Demand	:	11500	MW	(Generation end)
02.	Maximum Generation	:	12675	MW	(Generation end)
03.	Maximum Shortage	:	-1175	MW	(Generation end)

04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)
05.	Total Generation	:	236.02	MKWh	
06.	Probable Max. Temperature in Dhaka :		33.7° C		

* Captive Power ** Imported Power

#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZZAMAN)
Deputy Secretary, Generation