Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: October, 2018 | Day : **Tuesday** | Date : **02.10.18**

Probable Maximum Demand : 11600 MW | **Probable Maximum Generation :** 12765 MW

Water Level of Kaptai Lake at 06:00 AM | Yesterday = 103.43 ft | Today = 103.43 ft. | Rule Curve = 105.28 ft.

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.10.18 (Yesterday) Actual Peak Generation (MW)		02.10.18 (Today) Probable Peak Generation (MW)		01.10.18 (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)		
(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	35	35	37	37				
	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	0	0	0	180		Gas Shortage	
	(e) Ghorasal ST:Unit-5	Gas	(PDB)	1 x 210	210	190	120	120	120	120	70		Gas Shortage	
2	Ghorasal CCPP:Unit-7	Gas	(PDB)	1x 254+1x 126	365	365	365	280	365	365				
3	Ghorashal (Regent)	Gas	(IPP)	34x3.35	108	108	0	0	0	0				
4	Ghorasal 78.5MW (Max)	Gas	(QRPP)	2x40	78	78	0	0	0	0				
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	110	110	110	110				
8	Horipur Power CCPP	Gas	(IPP)	1x235+1x125	360	360	350	321	360	360				
9	Meghnaghat CCPP	Gas	(IPP)	2x140+1x170	450	450	450	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	360	389	412	412	23		Gas Shortage	
12	Shiddirganj GT:Unit-1&2	Gas	(EGCB)	2 x 105	210	210	100	60	100	100	150		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	90	29	100	100				
15	Siddirganj (Dutch Bangla)	HFO	(QRPP)	12x8.9	100	100	83	85	90	90				
16	Pagla (DPA)	HSD	(QRPP)	100x0.5	50	50	45	48	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	83	100	100	100				
19	Madanganj (Summit)	HFO	(QRPP)	6x17	102	100	78	50	100	100				
20	Madanganj-55 MW	HFO	(IPP)	5x17.08+1x11.3	55	55	55	55	55	55				
21	Keranigonj (Powerpac)	HFO	(QRPP)	8x13.45	100	100	100	100	100	100				
22	Gagnagar (Orion)	HFO	(IPP)	12x8.924	102	102	102	102	102	102				
23	Narshingdi (Doreen)	Gas	(SIPP, REB)	8x2.90	22	22	19	19	22	22				
24	Summit Power,(Madhabdi+Ashulia)	Gas	(SIPP, REB)	6x3.67+7x8.73	80	80	49	49	50	50				
25	Summit Power, Maona	Gas	(SIPP, REB)	4x8.73	33	33	33	25	33	33				
26	Summit Power, Rupganj	Gas	(SIPP, REB)	4x8.73	33	33	33	0	33	33				
27	Gazipur (RPCL)	HFO	(RPCL)	6x8.90	52	52	33	48	40	40				
28	Kodda 150MW Power Plant	HFO	(BPDB-RPCL)	9x17.06	149	149	149	149	149	149				
29	Kathpotti 52 MW	HFO	(IPP)	7x7.90	51	51	39	40	40	40				
30	Kamalaghat Munshiganj (Banco Energy)	HFO	(IPP)	3x18.69	54	54	18	54	54	54				
31	Summit Gazipur-2	HFO	(IPP)	18x17.076	300	300	218	270	275	275				
32	Summit Kodda 149MW	HFO	(IPP)	8x18.415+1x8.97	149	149	97	90	107	107				
33	APR Energy , Keranigonj	HSD	(IPP)	256x1.4	300	300	0	106	300	300				
34	Bramhangoan 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	50	100	96	100				
35	Aourahati 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	100	100	100	100				
36	Southern Power	HFO	(IPP)	3x19.3	55	55	36	55	55	55				
37	Northern 55 MW	HFO	(IPP)	3x19.3	55	55	56	55	55	55				
38	Bosila 108 MW (CLC)	HFO	(IPP)	12x8.775+1x3.5	108	108	52	59	59	59				
	Dhaka Zone Total				**6084**	**5848**	**3545**	**3590**	**4156**	**4465**	**748**	**217**		
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	142	144	145	145	86		Water Level Low	
40	a) Chittagong ST:Unit -1	Gas	(PDB)	1 x 210	210	180	100	125	120	120	55		Gas Shortage	
	b) Chittagong ST:Unit -2	Gas	(PDB)	1 x 210	210	180	160	170	120	120	10		Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO	(RPCL)	3x8.9	25	25	25	25	25	25				
	Teknaf Solartech 20MW	Solar	(IPP)				3.5	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO	(IPP)	8x6.89	50	50	43	42	43	43				
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	135	135	135	135				
45	Sikalbaha 225 MW CCPP (Dual Fuel)	GAS	(PDB)	1 x 150+1 x 75	225	225	0	0	0	0				
46	Sikalbaha (Energis)	HFO	(RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	38	50	40	50				
47	Julda (Acorn)	HFO	(QRPP)	8x13.45	100	100	80	90	100	100				
48	Dohazari-Kalaish Peaking	HFO	(PDB)	6x17.0	102	102	23	31	50	50				
49	Hathazari Peaking	HFO	(PDB)	11x8.9	98	98	0	82	86	86				
50	Barabkunda (Regent)	Gas	(SIPP, PDB)	8x2.90	22	22	19	19	19	19				
*	Malancha, Ctg.EPZ (United)	Gas		5x8.73+3x9.34			2	14	15	15				
51	Chittagong (ECPV)	HFO	(IPP)	16x7.00	108	108	85	92	92	92				
	Chattogram Zone Total				**1641**	**1561**	**855.5**	**1019**	**1010**	**1000**	**191**	**0**		
52	a) Ashuganj ST:Unit-3	Gas	(APSCL)	1 x 150	150	135	100	120	110	100				
	b) Ashuganj ST:Unit-4	Gas	(APSCL)	1 x 150	150	129	110	0	0	0				
	c) Ashuganj ST:Unit-5	Gas	(APSCL)	1 x 150	150	134	120	130	110	120				
53	Ashuganj Engines	Gas	(APSCL)	14x3.968	53	45	0	19	42	42				
54	Ashuganj CCPP 225 MW	Gas	(APSCL)	1×142+1*75	221	221	100	205	225	225				
55	Ashuganj CCPP(South)	Gas	(APSCL)	1x360	360	360	253	309	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	68	73	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	41	0	41				
63	Chandpur CCPP	Gas	(PDB)	1X106+1x57	163	163	30	0	130	130				
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	11	11	11	11				
66	Jangalia (Summit)	Gas	(SIPP, PDB)	4x8.73	33	33	25	25	25	25				
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	21	21	21	21				
69	Daudkandi 200 MW	HSD	(IPP)	9x1.4+40x1.515+15x1.09	200	200	10	200	200	200				
**	Tripura		India		160	160	136	156	129	174				
	Cumilla Zone Total				**2601**	**2541**	**1472**	**1782**	**1955**	**2041**	**0**	**0**		
70	RPCL CCPP	Gas	(IPP)	4x35+1x70	210	202	67	48	70	70	154		Gas Shortage	
71	Tangail (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	20	22	22	22				
72	Jamalpur IPP	HFO	(IPP)	12x8.924	95	95	70	68	80	80				
73	Mymensingh 200MW (United)	HFO	(IPP)	21x9.780	200	200	177	187	190	190				
74	Sarishabari Solar Plant	Solar	(IPP)	12x8.924	3	3	2.1	0	2	0				
	Mymensing Zone Total				**530**	**522**	**336.1**	**325**	**364**	**362**	**154**	**0**		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.10.18 (Yesterday) Actual Peak Generation (MW)		02.10.18 (Today) Probable Peak Generation (MW)		01.10.18 (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
75	Fenchuganj CCPP-1	Gas	(PDB)	2x32+1x33	97	70	57	60	60	60				
76	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	60	60	60	60				
77	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	44	50	50	50				
78	Fenchuganj (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	50	50	44	50				
79	Kushiara 163 MW CCPP	Gas	(IPP)	1x109+1x54	163	163	163	100	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	62	66	66				
82	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	301	300	330	330				
83	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	84	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	98	80	100	100				
86	Sylhet 20MW GT	Gas	(PDB)	1 x 20	20	20	0	0	0	0				
87	Sylhet (Enegyprima)	Gas	(RPP)	27x2.0	50	50	43	43	44	44				
88	Sylhet (Desh)	Gas	(RPP)	6x1.95	10	10	9	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	300	265	341	341				
	Sylhet Zone Total				1594	1549	1353	1246	1434	1440	0	0		
91	Bheramara GT: Unit-1,2,3	HSD	(PDB)	3 x 20	60	46	0	0	0	48				
92	Bheramara 360 MW CCPP	Gas	(NWPGCL)	1 x 278+1 x 132	410	410	413	350	410	410				
93	Faridpur Peaking	HFO	(PDB)	8x6.98	54	54	0	36	0	36				
94	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	0	85	0	85				
95	Khulna CCPP	HSD	(NWPGCL)	1 x 150+1x75	230	230	232	234	230	230				
96	Khulna (KPCL-I)	HFO	(IPP)	19x6.5	110	110	67	91	100	100				
97	Khulna (KPCL-II)	HFO	(QRPP)	7x17	115	115	97	115	115	115				
98	Bangla Trac (Noapara)	HSD	(IPP)	70x1.4+7x1.515	100	100	0	96	95	95				
99	Noapara (Khanjahan Ali)	HFO	(QRPP)	5x8.5	40	40	24	24	40	40				
**	Bheramara HVDC Interconnector		India		1000	1000	103	762	772	772				
	Khulna Zone Total				2228	2214	936	1793	1762	1931	0	0		
100	Barisal GT :Unit -1, 2	HSD	(PDB)	2 x 20	40	30	0	24	0	26				
101	Summit Barisal 110 MW	HFO	(IPP)	7 x 17.076	110	110	110	110	110	110				
102	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	23	35	33	33				
103	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	128	148	188	188				
104	Bhola Agreeko 95 MW	Gas	(QRPP)		95	95	95	97	95	95				
	Barishal Zone Total				472	462	356	414	426	452	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	51	0	52				
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	39	40	40				
111	Katakhali (Northern)	HFO	(QRPP)	6x8.9	50	50	50	50	50	50				
112	Santahar Peaking	HFO	(PDB)	6x8.7	50	50	0	32	0	31				
113	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	214	214	216	216				
114	Sirajganj CCPP 2	HSD	(NWPGCL)	1x150 + 1x75	220	220	130	203	220	220				
115	Sirajgonj CCPP-3 GT	Gas	(NWPGCL)	1x141	141	141	0	0	0	0				
	Sirajgonj Unit-4 414 MW(Gas)	Gas					0	0	0	0			On Test	
116	Bogura (GBB)	Gas	(RPP)	6x4.0	22	22	18	0	22	22				
117	Bogura (Engergyprima)	Gas	(RPP)	5x3.3+5x2.0	20	10	6	8	11	11				
118	Ullapara (Summit)	Gas	(SIPP, REB)	4x2.90	11	11	8	11	11	11				
119	Rajlanka 52 MW	HFO	(IPP)	6x8.92	52	52	43	43	43	43				
	Rajshahi Zone Total				1274	1264	519	841	753	886	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	160	160	160	160	114		Coal Shortage	
122	Rangpur GT	HSD	(PDB)	1 x 20	20	20	0	10	0	10				
123	Syedpur GT	HSD	(PDB)	1 x 20	20	20	0	18	0	18				
	Rangpur Zone Total				564	484	160	188	160	188	199	85		
	Sub-total: Plants in operation				16988	16445	9533	11198	12020	12765	1363	402		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							9072	10657	11439	12148				
(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	9533	11198	12020	12765	1363	402		

(C)	Actual data of 01.10.18 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	11198.00	MW, at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10657.00	MW, at =	19:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	11198.00	MW, at =	19:00 hrs								
04.	Minimum Generation (Generation end)	:	8265.90	MW, at =	8:00 hrs	Dhaka	4092	4092	0	Mymensingh	781	781	0
05.	Day-peak Generation (Generation end)	:	9532.60	MW, at =	11:00 hrs	Chattogram	1070	1070	0	Sylhet	473	473	0
06.	Evening-peak Generation (Generation end)	:	11198.00	MW, at =	19:00 hrs	Khulna	1339	1339	0	Barishal	267	267	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:00 hrs	Rajshahi	1122	1122	0	Rangpur	595	595	0
08.	Generation shortfall at evening peak due to :					Cumilla	918	918	0	Total	10657	10657	0
	a) Gas limitation	:	1078	MW		12.	Fuel cost :	(a) Gas =	106855306	Taka	(c) Coal =	16303868	Taka
	b) Low water level in Kaptai lake	:	86	MW				(b) Oil =	686340957	Taka	Total =	809500131	Taka
	c) Plants under shut down/ maintenance	:	402	MW		13.	Maximum Temperature in Dhaka was :		36.1° C				
09.	Total Energy (Generation + India Import)	:	239.39	MKWh		14.	Export through East-West interconnections :						
	By Gas = 143.64 MKWH		By Oil = 72.55 MKWh				At evening peak-hour	:	-380	MW, at	19:00 hrs		
	By Coal = 4.22 MKWH		By Hydro = 3.30 MKWh				Maximum	:	-580	MW, at	13:00 hrs		
10.	Total Gas Supplied	:	1183.77	MMCFD			Energy	:	4.0185	MKWh			

(D)	Forecast of 02.10.18 (Today) Tuesday :								
01.	Maximum Demand	:	11600	MW	(Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)
02.	Maximum Generation	:	12765	MW	(Generation end)	05.	Total Generation	:	247.99 MKWh
03.	Maximum Shortage	:	-1165	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :		35.1° C

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation