Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: October, 2018 | Day : **Friday** | Date : **05.10.18**

Probable Maximum Demand : 11200 MW | **Probable Maximum Generation :** 12474 MW

Water Level of Kaptai Lake at 06:00 AM | Yesterday = 102.84 ft | Today = 102.84 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)	04.10.18 (Yesterday) Actual Peak Generation (MW)		05.10.18 (Today) Probable Peak Generation (MW)		04.10.18 (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	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	0	0	0	180		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	380	380	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	40	110	110	110				
8	Horipur Power CCPP	Gas	(IPP)	1x235+1x125	360	360	347	356	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	365	370	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	70	100	100				
15	Siddirganj (Dutch Bangla)	HFO	(QRPP)	12x8.9	100	100	70	75	90	90				
16	Pagla (DPA)	HSD	(QRPP)	100x0.5	50	50	20	50	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	100	100	100	100				
19	Madanganj (Summit)	HFO	(QRPP)	6x17	102	100	98	98	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	62	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	22	22	22	22				
24	Summit Power,(Madhabdi+Ashulia)	Gas	(SIPP, REB)	6x3.67+7x8.73	80	80	25	49	50	50				
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	0	33	33	33				
27	Gazipur (RPCL)	HFO	(RPCL)	6x8.90	52	52	33	49	49	49				
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	33	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	180	240	275	275				
32	Summit Kodda 149MW	HFO	(IPP)	8x18.415+1x8.97	149	149	87	104	105	105				
33	APR Energy , Keranigonj	HSD	(IPP)	256x1.4	300	300	21	234	300	300				
34	Bramhangoan 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	20	50	100	100				
35	Aourahati 100MW (Aggreco)	HSD	(IPP)	23x0.85+91x.959	100	100	41	101	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	37	55	55	55				
38	Bosila 108 MW (CLC)	HFO	(IPP)	12x8.775+1x3.5	108	108	8	8	8	8				
	Dhaka Zone Total				**6084**	**5848**	**3012**	**3854**	**4084**	**4084**	**715**	**217**		
39	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	142	143	142	143	87		Water Level Low	
40	a) Chittagong ST:Unit -1	Gas	(PDB)	1 x 210	210	180	130	120	120	120	60		Gas Shortage	
	b) Chittagong ST:Unit -2	Gas	(PDB)	1 x 210	210	180	130	130	130	130	50		Gas Shortage	
41	Raozan 25 MW (RPCL)	HFO	(RPCL)	3x8.9	25	25	25	25	25	25				
	Teknaf Solartech 20MW	Solar	(IPP)				7	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO	(IPP)	8x6.89	50	50	38	44	44	44				
43	Shikalbaha ST	Gas	(PDB)	1 x 60	60	40	0	35	35	35				
44	Shikalbaha Peaking GT	Gas	(PDB)	1 x 150	150	150	135	100	100	100				
45	Sikalbaha 225 MW CCPP (Dual Fuel)	GAS	(PDB)	1 x 150+1 x 75	225	225	0	0	150	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	32	45	45	45				
49	Hathazari Peaking	HFO	(PDB)	11x8.9	98	98	40	80	80	80				
50	Barabkunda (Regent)	Gas	(SIPP, PDB)	8x2.90	22	22	19	19	22	22				
*	Malancha, Ctg.EPZ (United)	Gas		5x8.73+3x9.34			4	18	30	30				
51	Chittagong (ECPV)	HFO	(IPP)	16x7.00	108	108	85	92	92	92				
	Chattogram Zone Total				**1641**	**1561**	**927**	**991**	**1175**	**1231**	**197**	**0**		
52	a) Ashuganj ST:Unit-3	Gas	(APSCL)	1 x 150	150	135	100	100	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	90	100	100				
53	Ashuganj Engines	Gas	(APSCL)	14x3.968	53	45	19	19	19	19				
54	Ashuganj CCPP 225 MW	Gas	(APSCL)	1×142+1*75	221	221	190	165	225	225				
55	Ashuganj CCPP(South)	Gas	(APSCL)	1x360	360	360	264	301	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	68	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	90	126	142	142				
64	Feni (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	19	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	33	33	33	33				
67	Jangalia (Lakdanavi)	HFO	(IPP)	6x8.92	52	52	0	0	52	52				
68	Summit Power, Comilla	Gas	(SIPP, REB)	3x3.67+2x6.97	25	25	18	21	21	21				
69	Daudkandi 200 MW	HSD	(IPP)	9x1.4+40x1.515+15x1.09	200	200	0	150	200	200				
**	Tripura		India		160	160	142	170	125	176				
	Cumilla Zone Total				**2601**	**2541**	**1504**	**1767**	**1928**	**2020**	**0**	**0**		
70	RPCL CCPP	Gas	(IPP)	4x35+1x70	210	202	45	45	50	50	157		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	32	57	75	75				
73	Mymensingh 200MW (United)	HFO	(IPP)	21x9.780	200	200	168	180	170	190				
74	Sarishabari Solar Plant	Solar	(IPP)	12x8.924	3	3	1.9	0	2	0				
	Mymensing Zone Total				**530**	**522**	**266.9**	**304**	**319**	**337**	**157**	**0**		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.10.18 (Yesterday) Actual Peak Generation (MW)		05.10.18 (Today) Probable Peak Generation (MW)		04.10.18 (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	54	56	56	56				
76	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	60	60	60	60				
77	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	50	44	50	50				
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	130	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	62	55	66	66				
82	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	307	300	330	330				
83	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	85	89	86	86				
84	Shajibazar (Energyprima)	Gas	(RPP)	27x2.0	50	50	45	45	45	45				
85	Sylhet 150MW GT	Gas	(PDB)	1x142	142	142	118	77	0	0				
86	Sylhet 20MW GT	Gas	(PDB)	1 x 20	20	20	0	0	19	19				
87	Sylhet (Enegyprima)	Gas	(RPP)	27x2.0	50	50	41	42	42	42				
88	Sylhet (Desh)	Gas	(RPP)	6x1.95	10	10	9	9	9	9				
89	Shahjahanulla 25MW	Gas	(CIPP, REB)	3x9.34	25	25	24	16	25	25				
90	Summit Bibiana- 2	Gas	(IPP)	1x222+1x119	341	341	310	275	341	341				
	Sylhet Zone Total				**1594**	**1549**	**1356**	**1229**	**1353**	**1353**	**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	350	350	0	350				
93	Faridpur Peaking	HFO	(PDB)	8x6.98	54	54	0	37	0	37				
94	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	0	78	0	80				
95	Khulna CCPP	HSD	(NWPGCL)	1 x 150+1x75	230	230	120	200	230	230				
96	Khulna (KPCL-I)	HFO	(IPP)	19x6.5	110	110	60	102	100	102				
97	Khulna (KPCL-II)	HFO	(QRPP)	7x17	115	115	49	98	99	99				
98	Bangla Trac (Noapara)	HSD	(IPP)	70x1.4+7x1.515	100	100	0	94	95	95				
99	Noapara (Khanjahan Ali)	HFO	(QRPP)	5x8.5	40	40	32	32	32	40				
**	Bheramara HVDC Interconnector		India		1000	1000	770	770	779	779				
	Khulna Zone Total				**2228**	**2214**	**1381**	**1761**	**1335**	**1844**	**0**	**0**		
100	Barisal GT :Unit -1, 2	HSD	(PDB)	2 x 20	40	30	0	26	0	26				
101	Summit Barisal 110 MW	HFO	(IPP)	7 x 17.076	110	110	80	110	110	110				
102	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	25	35	33	33				
103	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	179	153	178	178				
104	Bhola Agreeko 95 MW	Gas	(QRPP)		95	95	91	96	95	95				
	Barishal Zone Total				**472**	**462**	**375**	**420**	**416**	**442**	**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	12	50	50	50				
109	Chapainawabganj-100 MW	HFO	(PDB)	12x8.924	104	104	25	90	90	90				
110	Katakhali Peaking	HFO	(PDB)	6x8.7	50	50	0	37	37	37				
111	Katakhali (Northern)	HFO	(QRPP)	6x8.9	50	50	50	50	50	50				
112	Santahar Peaking	HFO	(PDB)	6x8.7	50	50	0	0	0	0				
113	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	0	0	0	0				
114	Sirajganj CCPP 2	HSD	(NWPGCL)	1x150 + 1x75	220	220	146	135	225	225				
115	Sirajgonj CCPP-3 GT	Gas	(NWPGCL)	1x141	141	141	0	0	0	0				
	Sirajgonj Unit-4 414 MW(Gas)	Gas					288	298	300	300			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	9	9	11	11				
118	Ullapara (Summit)	Gas	(SIPP, REB)	4x2.90	11	11	8	10	11	11				
119	Rajlanka 52 MW	HFO	(IPP)	6x8.92	52	52	25	52	52	52				
	Rajshahi Zone Total				**1274**	**1264**	**585**	**856**	**848**	**951**	**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	185	184	180	184	90		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	**185**	**212**	**180**	**212**	**175**	**85**		
	Sub-total: Plants in operation				**16988**	**16445**	**9592**	**11394**	**11638**	**12474**	**1315**	**402**		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							**9041**	**10740**	**10970**	**11758**				
(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**	**9592**	**11394**	**11638**	**12474**	**1315**	**402**		

(C) Actual data of 04.10.18 (Yesterday) Thursday :

01.	Max. Demand (Generation end)	:	**11394.00**	MW, at =	**19:00 hrs**
02.	Max. Demand (Sub-station end)	:	**10740.00**	MW, at =	**19:00 hrs**
03.	Highest Generation (Generation end)	:	**11394.00**	MW, at =	**19:00 hrs**
04.	Minimum Generation (Generation end)	:	**8113.00**	MW, at =	**8:00 hrs**
05.	Day-peak Generation (Generation end)	:	**9591.90**	MW, at =	**12:00 hrs**
06.	Evening-peak Generation (Generation end)	:	**11394.00**	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	:	**1053**	MW	
	b) Low water level in Kaptai lake	:	**87**	MW	
	c) Plants under shut down/ maintenance	:	**402**	MW	
09.	Total Energy (Generation + India Import)	:	**234.76**	MKWh	
	By Gas = 143.407 MKWH		By Oil =	61.610 MKWh	
	By Coal = 4.499 MKWH		By Hydro =	3.284 MKWh	
	By Solar= 0.140 MKWH				
10.	Total Gas Supplied	:	**1211.96**	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	**4063**	**4063**	**0**	Mymensingh	**753**	**753**	**0**
Chattogram	**1070**	**1070**	**0**	Sylhet	**455**	**455**	**0**
Khulna	**1346**	**1346**	**0**	Barishal	**269**	**269**	**0**
Rajshahi	**1161**	**1161**	**0**	Rangpur	**644**	**644**	**0**
Cumilla	**979**	**979**	**0**	**Total**	**10740**	**10740**	**0**

12. Fuel cost : (a) Gas = **100917373** Taka (c) Coal = **17364210** Taka
(b) Oil = **554665187** Taka **Total =** **672946770** Taka

13. Maximum Temperature in Dhaka was : **32.6° C**

14. Export through East-West interconnections :
At evening peak-hour : **-400** MW, at **19:00 hrs**
Maximum : **-400** MW, at **19:00 hrs**

Energy : **1.9675** MKWh

(D) Forecast of 05.10.18 (Today) Friday :

01.	Maximum Demand	:	**11200**	MW	(Generation end)
02.	Maximum Generation	:	**12474**	MW	(Generation end)
03.	Maximum Shortage	:	**-1274**	MW	(Generation end)
04.	Maximum Load-shed	:	**0**	**MW**	At evening peak (Sub-station end)
05.	Total Generation	:	**230.76**	**MKWh**	
06.	Probable Max. Temperature in Dhaka :		**34.6° C**		

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation