



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: October, 2018				Day : Thursday				Date : 04.10.18					
Probable Maximum Demand : 11600 MW				Probable Maximum Generation : 12451 MW									
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 103.03 ft				Today = 102.84 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.10.18 (Yesterday)		04.10.18 (Today)		03.10.18 (Yesterday) Gen. shortfall for :		Status of Machines under shut-down/ Maintenance		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gas/water/Coal limitation MW	Machines shut down (MW)			
					Day	Evening	Day	Evening					
(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	120	180	190	190	10		Gas Shortage	
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	365	365	365	365				
3	Ghorasal (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	95	110	110	110				
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	344	355	355	355				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	430	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	359	420	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	30	88	100	100				
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	82	89	92	92				
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	38	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	96	100	100	100				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	50	55	55	55				
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	86	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	22	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	33	33	33				
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	24	33	33	33				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	17	49	49	49				
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	40	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	185	275	275	275				
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	89	100	105	105				
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	205	300	300				
34	Bramhangon 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	50	100	100				
35	Aourahat 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	50	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	8	8	8	8				
Dhaka Zone Total				6084	5848	3110	3863	4081	4081	725	217		
39	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	142	142	142	142	88		Water Level Low	
40	a) Chittagong ST:Unit-1	Gas (PDB)	1 x 210	210	180	130	150	150	150	30		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	16	16	25	25				
	Teknaf Solartech 20MW	Solar (IPP)				20	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	31	43	43	43				
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0			Gas Shortage	
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	140	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	Shikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	40	50	50	50				
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	80	90	90	90				
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	32	48	48	48				
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	23	79	80	80				
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19				
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			3	30	10	30				
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	91	98	98	98				
Chattogram Zone Total				1641	1561	897	1030	1040	1040	208	0		
52	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	120	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	135	100	120	120				
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	19	17	42	42				
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	190	178	225	225				
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	320	217	360	360				
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	0	218	360	360				
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	0	0	0	0				
58	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	53	53	5	5				
59	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	198	78	78	78				
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0				
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	30	87	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	11	11	11	11				
66	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	33	33	33				
67	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	32	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+15x1.05	200	200	0	50	200	200				
**	Tripura	India		160	160	134	176	125	176				
Cumilla Zone Total				2601	2541	1392	1487	1939	2031	0	0		
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	44	46	50	50	156		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	62	68	75	75				
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	170	190	170	190				
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0				
Mymensingh Zone Total				530	522	298.1	326	319	337	156	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.10.18 (Yesterday)		04.10.18 (Today)		03.10.18 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
						Day	Evening	Day	Evening				
75	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	56	54	54	54				
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	60	60	60	60				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	50	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	0	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	62	65	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	304	300	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	82	86	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	46	45	45				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	122	128	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	19	19	19				
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	42	44	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	23	24	25	25				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	315	290	341	341				
Sylhet Zone Total				1594	1549	1245	1356	1483	1483	0	0		
91	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	32	0	32				
92	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	300	350	350	350				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	36	0	36				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	70	0	80				
95	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	125	227	230	230				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	88	90	100	100				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	82	115	99	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	96	95	95				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	32	40	40				
**	Bheramara HVDC Interconnector	India		1000	1000	762	772	779	779				
Khulna Zone Total				2228	2214	1397	1820	1693	1857	0	0		
100	Barsal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	24	0	24				
101	Summit Barsal 110 MW	HFO (IPP)	7 x 17.076	110	110	96	110	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	180	178	178	178				
104	Bhola Agreko 95 MW	Gas (QRPP)		95	95	93	98	95	95				
Barishal Zone Total				472	462	392	446	416	440	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	44	0	44				
108	Amnura	HFO (QRPP)	7x7.79	50	50	33	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	35	37	37				
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	43	50	50	50				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	37	0	37				
113	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0				
114	Sirajganj CCPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	162	220	220	220				
115	Sirajganj CCPP-3 GT	Gas (NWPGL)	1x141	141	141	0	0	0	0				
	Sirajganj Unit-4 414 MW(Gas)	Gas				287	295	300	300			On Test	
116	Bogura (GGB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
117	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	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	52	52				
Rajshahi Zone Total				1274	1264	608	957	843	974	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	159	160	180	180	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	17	0	18				
Rangpur Zone Total				564	484	159	187	180	208	199	85		
Sub-total: Plants in operation				16988	16445	9498	11472	11994	12451	1359	402		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8874	10718	11206	11633				
(B) List of Contract Expired Power Plants :													
124	Khulna (Agreko) 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	9498	11472	11994	12451	1359	402		
(C) Actual data of 03.10.18 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	11472.00 MW, at = 21:00 hrs	11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	:	10718.00 MW, at = 21:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	:	11472.00 MW, at = 21:00 hrs	Dhaka	4013	4013	0	Mymensingh	771	771	0		
04.	Minimum Generation (Generation end)	:	7918.00 MW, at = 8:00 hrs	Chattogram	1042	1042	0	Sylhet	458	458	0		
05.	Day-peak Generation (Generation end)	:	9498.10 MW, at = 12:00 hrs	Khulna	1358	1358	0	Barishal	290	290	0		
06.	Evening-peak Generation (Generation end)	:	11472.00 MW, at = 21:00 hrs	Rajshahi	1130	1130	0	Rangpur	635	635	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 21:00 hrs	Cumilla	1021	1021	0	Total	10718	10718	0		
08.	Generation shortfall at evening peak due to :			12.	Fuel cost : (a) Gas = 98107710 Taka (b) Oil = 622838445 Taka			(c) Coal = 15070598 Taka Total = 736016753 Taka			Taka		
	a) Gas limitation	:	1072 MW										
	b) Low water level in Kaptai lake	:	88 MW										
	c) Plants under shut down/ maintenance	:	402 MW										
09.	Total Energy (Generation + India Import)	:	236.06 MKWh	13.	Maximum Temperature in Dhaka was : 35.9° C								
	By Gas = 138.853 MKWH		By Oil = 68.180 MKWh	14.	Export through East-West interconnections :								
	By Coal = 3.904 MKWH		By Hydro = 3.224 MKWh		At evening peak-hour			-280 MW, at 21:00 hrs					
	By Solar= 0.126 MKWH				Maximum			-400 MW, at 19:00 hrs					
10.	Total Gas Supplied	:	1195.52 MMCFD		Energy			1.8820 MKWh					
(D) Forecast of 04.10.18 (Today) Thursday :													
01.	Maximum Demand	:	11600 MW (Generation end)	04.	Maximum Load-shed			:	0 MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	12451 MW (Generation end)	05.	Total Generation			:	238.69 MKWh				
03.	Maximum Shortage	:	-851 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :			32.3° C					
* Captive Power ** Imported Power													
#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30													
(MONIRUZZAMAN) Deputy Secretary, Generation													