



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: October, 2018				Day : Saturday				Date : 06.10.18						
Probable Maximum Demand : 11500 MW				Probable Maximum Generation : 12786 MW										
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 102.75 ft				Today = 102.75 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.10.18 (Yesterday)		06.10.18 (Today)		Rule Curve = 106.36 ft		05.10.18 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)		Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW					
(A) Plants in operation:														
1	a) Ghorasal ST-Unit-1	Gas (PDB)	1 x 55	55	40	35	35	35	35					
	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	80	90	90	90					
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	79	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	0	110	110					
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	346	352	360	360					
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	450	400	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	365	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	0	60	60					
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	89	90	90					
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	46	0	50	50					
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	305	305					
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	65	100	100					
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	80	100	100					
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	47	55	55					
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	10	100	100					
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	7	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	24	57	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	8	49	49	49					
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	115	149	149					
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	10	40	40	40					
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	36	54	54					
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	47	270	275	275					
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	64	102	105	105					
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300					
34	Bramhangon 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100					
35	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	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	18	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	2288	3099	4522	4522	715	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	120	130	130	130	50		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	8	25	25	25					
	Teknaf Solartech 20MW	Solar (IPP)				20	0	20	0					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	37	40	45	45					
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	33	0	35	35					
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	80	115	0	0					
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	35	213	225	225					
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	32	40	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	0	46	50	50					
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	81	72	72					
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22					
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			15	42	25	25					
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	53	99	99	99					
Chattogram Zone Total				1641	1561	807	1215	1160	1140	188	0			
52	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	100	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	100	90	100	100					
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	0	19	19	19					
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	189	184	225	225					
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	309	323	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 (Aggreco)	Gas (QRPP)	86x1.10	85	85	80	85	85	85					
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	41					
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	140	140	140	140					
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	21	21	21	21					
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200					
**	Tripura	India		160	160	114	166	125	176					
Cumilla Zone Total				2601	2541	1549	1617	1926	2018	0	0			
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	45	46	50	50	156		Gas Shortage		
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22					
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	64	71	71	71					
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	166	177	170	190					
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	2	0					
Mymensingh Zone Total				530	522	297	316	315	333	156	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.10.18 (Yesterday)		06.10.18 (Today)		05.10.18 (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 CCPP-1	Gas (PDB)	2x32+1x33	97	70	55	55	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	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	130	130	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	63	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	319	325	330	330				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	86	89	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	44	45	45				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	0	0	0				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	19	19				
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	42	44	45	45				
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	315	320	341	341				
Sylhet Zone Total				1594	1549	1255	1293	1356	1356	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	0	80	0	350				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	40	0	37				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	2	71	0	80				
95	Khulna CCPP	HSD (NWPGCL)	1 x 150+1x75	230	230	120	243	230	230				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	10	98	100	100				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	16	99	99	99				
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	8	32	32	32				
**	Bheramara HVDC Interconnector	India		1000	1000	773	719	779	779				
Khulna Zone Total				2228	2214	929	1478	1335	1834	0	0		
100	Barsal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	26				
101	Summit Barsal 110 MW	HFO (IPP)	7 x 17.076	110	110	19	96	110	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	22	36	33	33				
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	180	179	180	180				
104	Bhola Agreko 95 MW	Gas (QRPP)		95	95	92	98	95	95				
Barishal Zone Total				472	462	313	409	418	444	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	30	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	189	220	225	225				
115	Sirajganj CCPP-3 GT	Gas (NWPGCL)	1x141	141	141		0	0	0				
	Sirajganj Unit-4 414 MW(Gas)	Gas				291	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	11	11	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	52	52	52	52				
Rajshahi Zone Total				1274	1264	673	934	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	160	159	160	160	115		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	187	160	188	200	85		
Sub-total: Plants in operation				16988	16445	8271	10548	12040	12786	1330	402		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7740	9871	11267	11965				
(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	8271	10548	12040	12786	1330	402		
(C) Actual data of 05.10.18 (Yesterday) Friday :													
01.	Max. Demand (Generation end)	:	10548.00	MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	9871.00	MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	10548.00	MW, at = 21:00 hrs			MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	7640.00	MW, at = 9:00 hrs		Dhaka	3517	3517	0	Mymensingh	744	744	0
05.	Day-peak Generation (Generation end)	:	8271.00	MW, at = 12:00 hrs		Chattogram	977	977	0	Sylhet	436	436	0
06.	Evening-peak Generation (Generation end)	:	10548.00	MW, at = 21:00 hrs		Khulna	1262	1262	0	Barishal	271	271	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Rajshahi	1065	1065	0	Rangpur	601	601	0
08.	Generation shortfall at evening peak due to :					Cumilla	998	998	0	Total	9871	9871	0
	a) Gas limitation	:	1042	MW	12.	Fuel cost : (a) Gas = 99560822 Taka (c) Coal = 16086936 Taka							
	b) Low water level in Kaptai lake	:	88	MW		(b) Oil = 381772866 Taka Total = 497420624 Taka							
	c) Plants under shut down/ maintenance	:	402	MW	13.	Maximum Temperature in Dhaka was : 34.2° C							
09.	Total Energy (Generation + India Import)	:	216.69	MKWh	14.	Export through East-West interconnections :							
	By Gas = 143.127			By Oil = 44.828		At evening peak-hour : -500 MW, at 21:00 hrs							
	By Coal = 4.168			By Hydro = 3.123		Maximum : -600 MW, at 5:00 hrs							
	By Solar= 0.143												
10.	Total Gas Supplied	:	1187.46	MMCFD		Energy : 5.4465 MKWh							
(D) Forecast of 06.10.18 (Today) Saturday :													
01.	Maximum Demand	:	11500	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	12786	MW (Generation end)	05.	Total Generation : 236.25 MKWh							
03.	Maximum Shortage	:	-1286	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 34.2° C							
* Captive Power ** Imported Power													

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

(MONIRUZZAMAN)
Deputy Secretary, Generation