



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: October, 2018					Day : Sunday					Date : 07.10.18						
Probable Maximum Demand : 11600 MW					Probable Maximum Generation : 12742 MW											
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 102.56 ft					Today = 102.56 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Deredited / Present Capacity (MW)	06.10.18 (Yesterday)		07.10.18 (Today)		Rule Curve = 106.54 ft		06.10.18 (Yesterday)		07.10.18 (Today)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gas/water/Coal limitation MW	Machines shut down (MW)	Gen. shortfall for :		Description/ Remarks	Probable start-up date		
					Day	Evening	Day	Evening			Day	Evening				
(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 CAPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	380	365	365							
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	51	92	90	90							
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	75	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	96	110	110							
8	Horipur Power CAPP	Gas (IPP)	1x235+1x125	360	360	349	355	360	360							
9	Meghnaghat CAPP	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 CAPP	Gas (EGCB)	1x273+1x139	412	412	375	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 CAPP-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	80	60	60							
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	7	70	90	90							
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	45	45	50	50							
17	Meghnaghat CAPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	305	305							
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	100	100	100							
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	98	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	86	100	100							
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	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	57	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	25	33	33	33							
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	33	34	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	33	39	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	155	268	275	275							
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	102	113	105	105							
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	57	300	300							
34	Bramhangon 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	30	100	100							
35	Aourahat 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	51	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	32	56	55	55							
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	8	11	11							
Dhaka Zone Total				6084	5848	2768	3764	4525	4525	715	217					
39	Kaptai Hydro-Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	143	142	143	143	88						Water Level Low
40	a) Chittagong ST-Unit-1	Gas (PDB)	1 x 210	210	180	140	150	140	140	30						Gas Shortage
	b) Chittagong ST-Unit-2	Gas (PDB)	1 x 210	210	180	130	140	130	130	40						Gas Shortage
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	8	25	25	25							
	Teknaf Solartech 20MW	Solar (IPP)				19.8	0	20	0							
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	31	40	45	45							
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0							
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0							
45	Sikalbaha 225 MW CAPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	205	228	225	225							
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	24	40	50	50							
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	90	90	90	90							
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	13	51	50	50							
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	40	73	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	18	25	25							
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	63	98	99	99							
Chattogram Zone Total				1641	1561	927.8	1117	1136	1116	158	0					
52	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	90	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	90	90	100	100							
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	19	19	19	19							
54	Ashuganj CAPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	187	222	225	225							
55	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	312	298	360	360							
56	Ashuganj CAPP(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	40	0	41							
63	Chandpur CAPP	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	25	25	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	50	200	200							
**	Tripura	India		160	160	128	174	129	174							
Cumilla Zone Total				2601	2541	1560	1720	1930	2016	0	0					
70	RPCL CAPP	Gas (IPP)	4x35+1x70	210	202	67	85	80	80	117						Gas Shortage
71	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22							
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	7	73	71	71							
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	170	168	170	190							
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.3	0	2	0							
Mymensingh Zone Total				530	522	267.3	348	345	363	117	0					

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.10.18 (Yesterday)		07.10.18 (Today)		06.10.18 (Yesterday)		Status of Machines under shut-down/ Maintenance		
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :				
						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	50	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	163	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	59	55	66	66					
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	313	303	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	47	45	45					
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	0	0	0	142	Under Maintenance	08.10.18		
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	19	19	19					
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	40	41	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	16	24	25	25					
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	320	280	341	341					
Sylhet Zone Total				1594	1549	1258	1247	1356	1356	0	142			
91	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	32					
92	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	350	350	360	360					
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	42	0	37					
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	65	0	80					
95	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	240	230	230					
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	10	101	100	100					
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	16	98	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	710	718	723	723					
Khulna Zone Total				2228	2214	1214	1742	1639	1788	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	36	96	110	110					
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	24	33	33	33					
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	179	154	180	180					
104	Bhola Agreko 95 MW	Gas (QRPP)		95	95	91	97	95	95					
Barishal Zone Total				472	462	330	380	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	38	37	37					
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	43	43	50	50					
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	0					
113	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0					
114	Sirajganj CCPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	130	220	220	220					
115	Sirajganj CCPP-3 GT	Gas (NWPGL)	1x141	141	141	0	0	0	0					
	Sirajganj Unit-4 414 MW(Gas)	Gas				292	301	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	44	52	52					
Rajshahi Zone Total				1274	1264	608	933	843	946	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	158	150	160	160	124		Coal Shortage		
122	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	12	0	10					
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	0	18					
Rangpur Zone Total				564	484	158	180	160	188	209	85			
Sub-total: Plants in operation				16988	16445	9091	11431	12352	12742	1270	544			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8540	10738	11603	11970					
(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	9091	11431	12352	12742	1270	544			
(C) Actual data of 06.10.18 (Yesterday) Saturday :														
01.	Max. Demand (Generation end)	:	11431.00 MW, at = 19:00 hrs	11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :										
02.	Max. Demand (Sub-station end)	:	10738.00 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)	:	11431.00 MW, at = 19:00 hrs	Dhaka	3990	3990	0	Mymensingh	777	777	0			
04.	Minimum Generation (Generation end)	:	7660.80 MW, at = 8:00 hrs	Chattogram	1151	1151	0	Sylhet	428	428	0			
05.	Day-peak Generation (Generation end)	:	9091.10 MW, at = 12:00 hrs	Khulna	1325	1325	0	Barishal	257	257	0			
06.	Evening-peak Generation (Generation end)	:	11431.00 MW, at = 19:00 hrs	Rajshahi	1170	1170	0	Rangpur	624	624	0			
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:00 hrs	Cumilla	1016	1016	0	Total	10738	10738	0			
08.	Generation shortfall at evening peak due to :			12.	Fuel cost : (a) Gas = 101085002 Taka (b) Oil = 464407344 Taka			(c) Coal = 14483106 Taka Total = 579975452 Taka			Taka			
	a) Gas limitation	:	973 MW	13.	Maximum Temperature in Dhaka was : 31.9° C									
	b) Low water level in Kaptai lake	:	88 MW	14.	Export through East-West interconnections :									
	c) Plants under shut down/ maintenance	:	544 MW		At evening peak-hour : -400 MW, at 19:00 hrs									
09.	Total Energy (Generation + India Import)	:	226.22 MKWh		Maximum : -620 MW, at 4:00 hrs									
	By Gas = 146.495 MKWH	By Oil = 51.851 MKWh												
	By Coal = 3.752 MKWH	By Hydro = 3.237 MKWH												
	By Solar= 0.113 MKWH													
10.	Total Gas Supplied	:	1223.33 MMCFD		Energy : 4.6180 MKWh									
(D) Forecast of 07.10.18 (Today) Sunday :														
01.	Maximum Demand	:	11600 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)									
02.	Maximum Generation	:	12742 MW (Generation end)	05.	Total Generation : 229.57 MKWh									
03.	Maximum Shortage	:	-1142 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 33.8° C									

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation