



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2019				Day : Friday				Date : 10.05.19				
Probable Maximum Demand : 11900 MW				Probable Maximum Generation : 14449 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 75.04 ft				Today = 75.04 ft				
								Rule Curve = 80.48 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.05.19 (Yesterday)		10.05.19 (Today)		09.05.19 (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)		
(A) Plants in operation:												
1	a) Ghorasal ST-Unit -1	Gas (PDB)	1 x 55	55	40	38	38	38				
	b) Ghorasal ST-Unit -2	Gas (PDB)	1 x 55	55	45	36	36	36				
	c) Ghorasal Unit-3 (Repowering) GT	Gas (PDB)	1 x 210	210	170	94	134	134			On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	100	0	200	200		On Test	
	(e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Gas Shortage	
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	270	330	300	300			
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	105	Gas Shortage	
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	0	0	0	0			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	110	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	302	351	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	390	350	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	330	335	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			
14	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	98	100	100			
15	Meghnaghat CCPP (Summit)	Gas (IPP)	2x110+1x110	305	305	280	266	335	335			
16	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	100	100	100			
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	100	100	100			
18	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55			
19	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	90	100	100			
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	100	100	102	102			
21	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	17	17			
22	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	49	50	57	57			
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	0	33	33			
24	Summit Power, Rupganj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	43	10	51	51			
	Gazipur 100 MW	HFO (RPCL)				0	0	0	0		On Test	
26	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	48	146	149	149			
27	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	48	48	49	50			
28	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54			
29	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	15	300	200	300			
30	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	149	149	149	149			
31	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	85	100	300			
32	Bramhangonj 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	50	100	100			
33	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	51	100	100			
34	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	55	55			
35	Northern 55 MW	HFO (IPP)	3x19.3	55	55	56	56	55	55			
36	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	55	54	61	61			
Dhaka Zone Total				5934	5698	2593	3653	4195	4496	620	0	
37	Kaptai Hydro Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	38	40	70	192	Water Level Low	
38	a) Chattogram ST-Unit -1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage	
	b) Chattogram ST-Unit -2	Gas (PDB)	1 x 210	210	180	150	150	120	150	30	Gas Shortage	
39	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	16	25	25	25			
40	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	13.4	0	20	0			
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	46	40	47	50			
42	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Gas Shortage	
43	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	145	145	145	145			
44	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	226	230	225	225			
45	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	16	16	25	25			
46	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	78	88	94	94			
47	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	100	100	100	100			
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	85	85	85			
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	74	83	83			
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	17	15	17	17			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			2	39	10	25			
51	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	85	96	108	108			
Chattogram Zone Total				1761	1681	934.4	1141	1144	1202	442	0	
52	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135	Gas Shortage	
	b) Ashuganj ST-Unit-4	Gas (APSCL)	1 x 150	150	129	0	0	0	0	129	Gas Shortage	
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	0	0	134	Gas Shortage	
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	36	36	37	37			
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	185	186	221	221			
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	300	270	360	360			
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	320	200	360	360			
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	55	55	55	55			
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	110	167	199	195			
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	45	45	45			
61	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	103	127	150	150			
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	42	0	50			
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100			
64	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	52	197	200	200			
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	22	22	22			
66	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	8	11	11			
67	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	25	0	33			
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	40	49	52	52			
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	20	21	21			
70	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	80	100	200			
**	Tripura	India		160	160	136	166	150	189			
Cumilla Zone Total				2866	2806	1569	1800	2088	2306	398	0	
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	146	101	150	150	101	Gas Shortage	
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20			
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	70	85	85	85			
74	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	108	105	115	115			
75	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	19	190	200	200			
76	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.3	0	2	0			
Mymensingh Zone Total				645	637	365.3	501	572	570	101	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.05.19 (Yesterday)		10.05.19 (Today)		09.05.19 (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)		
77	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	60	56	60	60				
78	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	49	48	49	60				
79	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	0	0	0	50				
80	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44				
81	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
82	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	5	11	8	11				
83	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	61	63	66	66				
84	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	313	311	330	330				
85	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	75	79	86	86				
86	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	46	46	46				
87	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	113	114	125	120				
88	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	18	19	19				
89	Sylhet (Eneergyprima)	Gas (RPP)	27x2.0	50	50	38	41	40	40				
90	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
91	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	16	25	25				
92	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	270	341	341				
	Bibiana- 3	Gas (PDB)				291	250	230	250			On Test	
Sylhet Zone Total				1594	1549	1553	1546	1642	1721	0	0		
93	Bheramara GT- Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	48	0	32				
94	Bheramara 360 MW CCPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Under Maintenance	20.5.19
95	Fairdipur Peaking	HFO (PDB)	8x6.98	54	54	0	32	40	40				
96	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	64	50	80				
97	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	0				
98	Khulna (KPLC-2)	HFO (QRPP)	7x17	115	115	49	115	115	115				
99	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	97	100	100				
100	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	40	40	40				
101	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	86	105	105	105				
102	Modhumati Power Plant	HFO (NWPGLCL)	6x18.415	105	105	107	106	108	108				
**	Bheramara HVDC Interconnector	India		1000	1000	943	942	954	954				
Khulna Zone Total				2328	2314	1193	1549	1512	1574	0	410		
103	Barisal GT -Unit-1, 2	HSD (PDB)	2 x 20	40	30	0	12	0	26				
104	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	110	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	23	45	33	33				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	147	175	175	170				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	92	61	95	95				
Barishal Zone Total				472	462	262	403	413	434	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	50	0	55	60	71		Gas Shortage	
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
109	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	50	50				
110	Baghabari 200MW (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
111	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	34	46	46				
112	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	6	50				
113	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	24	91	94	94				
114	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	47	48	48				
115	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
116	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	34	27	27				
117	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	182	159	202	202				
118	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	186	128	200	200				
119	Sirajganj CCPP-3	Gas (NWPGLCL)	1x141+1x79	220	220	195	171	208	208				
120	Sirajganj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	350	250	300	400				
121	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
122	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	16	15	17	17				
123	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	10	11	11	11				
124	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	52	52	52				
125	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	90	108	108	108				
Rajshahi Zone Total				2080	2070	1145	1272	1696	1845	171	0		
126	a) Barapukuria ST-Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	20.05.19
	b) Barapukuria ST-Unit- 2	Coal (PDB)	1 x 125	125	85	62	62	65	67	23		Coal Shortage	
127	Barapukuria ST-Unit - 3	Coal (PDB)	1 x 274	274	274	199	199	199	199	75		Coal Shortage	
128	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	17	17				
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	18	18				
Rangpur Zone Total				564	484	261	296	299	301	98	85		
Sub-total: Plants in operation				18244	17701	9876	12161	13561	14449	1830	495		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						9349	11256	12837	13678				
(B) Plant Under long term maintenance													
130	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	0	0	0	0				
	Sub-Total: Plants under long term maintenance			85	85	0	0	0	0				
Gross Total				18329	17786	9876	12161	13561	14449	1830	495		
(C) Actual data of 09.05.19 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	12161.00	MW, at = 20:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	11256.00	MW, at = 20:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	12161.00	MW, at = 20:00 hrs		Dhaka	4273	4273	0	Mymensingh	858	858	0
04.	Minimum Generation (Generation end)	:	8932.30	MW, at = 7:00 hrs		Chattogram	1164	1164	0	Sylhet	441	441	0
05.	Day-peak Generation (Generation end)	:	9875.70	MW, at = 12:00 hrs		Khulna	1387	1387	0	Barishal	314	314	0
06.	Evening-peak Generation (Generation end)	:	12161.00	MW, at = 20:00 hrs		Rajshahi	1387	1387	0	Rangpur	314	314	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 20:00 hrs		Cumilla	1118	1118	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	8385.40	MW									
09.	Generation shortfall at evening peak due to :	:											
	a) Gas limitation	:	1540	MW	13.	Fuel cost :	(a) Gas = 103723016 Taka		(c) Coal = 27838717 Taka				
	d) Coal supply Limitation	:	98	MW			(b) Oil = 519488558 Taka		Total = 131561733 Taka				
	b) Low water level in Kaptai lake	:	192	MW									
	c) Plants under shut down/ maintenance	:	495	MW	14.	Maximum Temperature in Dhaka was :	41.1° C						
10.	Total Energy (Generation + India Import)	:	255.52	MKWh	15.	Export through East-West interconnections :							
	By Gas = 152.677 MKWH			By Oil = 69.270 MKWh		At evening peak-hour	:	-420	MW, at 20:00 hrs				
	By Coal = 6.356 MKWH			By Hydro = 0.833 MKWh		Maximum	:	-420	MW, at 20:00 hrs				
	By Solar= 0.126 MKWH					Energy	:	1.6585	MKWh				
11.	Total Gas Supplied	:	1266.94	MMCFD									
(D) Forecast of 10.05.19 (Today) Friday :													
01.	Maximum Demand	:	11900	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	14449	MW (Generation end)	05.	Total Generation	:	250.04	MKWh				
03.	Maximum Shortage	:	-2549	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	41.1° C					

* Captive Power ** Imported Power
#Remarks: Highest Generation 12482MW on 08-05-2019 at 22:00

(MONIRUZZAMAN)
Deputy Secretary, Generation