



Bangladesh Power Development Board  
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation  
Tel : 954667, 9551095

Month May, 2019				Day : Monday				Date : 13.05.19				
Probable Maximum Demand :				12550 MW				Probable Maximum Generation : 13972 MW				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 74.28 ft				Today = 74.08 ft				
								Rule Curve = 79.72 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.05.19 (Yesterday)		13.05.19 (Today)		12.05.19 (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
(A) Plants in operation:												
1	a) Ghorasal ST:Unit -1	Gas (PDB)	1 x 55	55	40	38	38	38	38			
	b) Ghorasal ST:Unit -2	Gas (PDB)	1 x 55	55	45	36	36	36	36			
	c) Ghorasal Unit-3 (Repowering) GT	Gas (PDB)	1 x 210	210	170	134	134	135	135		On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	130	100	100	100		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	350	280	380	380			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	107	12	12	12			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	40	40	40			
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	40	Gas Shortage	
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	13	110	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	345	358	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	370	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	337	329	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	140	140	0	0	70	Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0	217	Gas Shortage	
14	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	30	85	100	100			
15	Meghnaghat CCPP (Summit)	Gas (IPP)	2x110+1x110	305	305	295	220	335	335			
16	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	28	100	100	100			
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	48	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	89	100	100			
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	58	101	102	102			
21	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	19	19			
22	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	53	49	51	51			
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	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	48	48	48	48			
	Gazipur 100 MW	HFO (RPCL)				0	0	0	0		On Test	
26	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	32	149	149	149			
27	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	48	48	48	48			
28	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	35	54	54			
29	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	272	300	300	300			
30	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	125	149	149	149			
31	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	12	300	300			
32	Bramhangon 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100			
33	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	11	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	60	60	60	60			
Dhaka Zone Total				5934	5698	3335	3732	4519	4519	737	0	
37	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	38	38	39	39	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	150	150	30	Gas Shortage	
39	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25			
40	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19	0	20	0			
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	45	46	46	46			
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	130	130	130			
44	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	219	229	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	88	100	100	100			
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	68	68			
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	83	83	83			
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	16	16	16	16			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			2	31	2	31			
51	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	91	103	103	103			
Chattogram Zone Total				1761	1681	954	1152	1132	1141	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	33	33	33	33			
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	214	220	221	221			
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	300	360	360	360			
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	240	250	250	250			
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	53	54	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	137	149	195	195			
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	35	45	45	45			
61	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	130	140	150	150			
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	50	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	17	199	200	200			
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22			
66	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
67	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	25	25			
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	52	52	52	52			
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	21	21	21			
70	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200			
**	Tripura	India		160	160	144	178	151	190			
Cumilla Zone Total				2866	2806	1535	1914	2096	2185	398	0	
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	145	136	153	153	66	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	85	92	95	95			
74	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	102	96	99	99			
75	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	190	200	200			
76	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.1	0	2	0			
Mymensingh Zone Total				645	637	360.1	534	569	567	66	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.05.19 (Yesterday)		13.05.19 (Today)		12.05.19 (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 CCGP-1	Gas (PDB)	2x32+1x33	97	70	28	54	60	60				
78	Fenchuganj CCGP-2	Gas (PDB)	2x35+1x35	104	90	0	59	60	60				
79	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	0	50	50	50				
80	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	47	44	44				
81	Kushiara 163 MW CCGP	Gas (IPP)	1x109+1x54	163	163	100	130	163	163				
82	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
83	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	60	65	66	66				
84	Shajibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	325	313	330	330				
85	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	79	79	86	86				
86	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	44	45	45				
87	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	49	134	130	130				
88	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	19	19	19				
89	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	39	40	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	24	24	25	25				
92	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	235	341	341				
	Bibiana- 3	Gas (PDB)				125	89	85	85			On Test	
Sylhet Zone Total				1594	1549	1238	1403	1565	1565	0	0		
93	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	48	0	48				
94	Bheramara 360 MW CCGP	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	35	35	35				
96	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	69	50	80				
97	Khulna CCGP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	0				
98	Khulna (KPLC-2)	HFO (QRPP)	7x17	115	115	66	115	115	115				
99	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	98	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	90	105	105	105				
102	Modhumati Power Plant	HFO (NWPGLCL)	6x18.415	105	105	103	88	108	108				
**	Bheramara HVDC Interconnector	India		1000	1000	940	937	936	936				
Khulna Zone Total				2328	2314	1207	1535	1489	1567	0	410		
103	Barisal GT-Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	20	0	20				
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	38	33	33				
106	Bhola CCGP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	147	177	177	177				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	92	97	96	96				
Barishal Zone Total				472	462	262	442	416	436	0	0		
108	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		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	38	35	35				
112	Amnura	HFO (QRPP)	7x7.79	50	50	0	50	50	50				
113	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	23	93	93	93				
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	Santhar Peaking	HFO (PDB)	6x8.7	50	50	0	19	35	35				
117	Sirajganj CCGP 1	Gas (NWPGLCL)	1x150+1x75	210	210	186	182	202	202				
118	Sirajganj CCGP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	188	184	200	200				
119	Sirajganj CCGP-3	Gas (NWPGLCL)	1x141+1x79	220	220	163	185	220	220				
120	Sirajganj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	300	300	300	300				
121	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
122	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	13	13	14	14				
123	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
124	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	50	52	52				
125	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	108	108	108	108				
Rajshahi Zone Total				2080	2070	1019	1402	1690	1690	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	66	63	68	68	22		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	0	17	17				
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	18	18				
Rangpur Zone Total				564	484	265	262	302	302	97	85		
Sub-total: Plants in operation				18244	17701	10175	12376	13778	13972	1911	495		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						9642	11698	13057	13240				
(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	10175	12376	13778	13972	1911	495		
(C) Actual data of 12.05.19 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	12376.00	MW, at = 20:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	11698.00	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)	:	12376.00	MW, at = 20:00 hrs		Dhaka	4430	4430	0	Mymensingh	936	936	0
04.	Minimum Generation (Generation end)	:	8527.40	MW, at = 7:00 hrs		Chattogram	1180	1180	0	Sylhet	493	493	0
05.	Day-peak Generation (Generation end)	:	10175.10	MW, at = 12:00 hrs		Khulna	1457	1457	0	Barishal	298	298	0
06.	Evening-peak Generation (Generation end)	:	12376.00	MW, at = 20:00 hrs		Rajshahi	1457	1457	0	Rangpur	298	298	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 20:00 hrs		Cumilla	1149	1149	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	8525.70	MW									
09.	Generation shortfall at evening peak due to :	:								Total	11698	11698	0
	a) Gas limitation	:	1622	MW	13.	Fuel cost :	(a) Gas = 107351721	Taka	(c) Coal = 28199545	Taka			
	d) Coal supply Limitation	:	97	MW			(b) Oil = 466413203	Taka	Total = 135551266	Taka			
	b) Low water level in Kaptai lake	:	192	MW									
	c) Plants under shut down/ maintenance	:	495	MW	14.	Maximum Temperature in Dhaka was :	35.8° C						
10.	Total Energy (Generation + India Import)	:	254.85	MKWh	15.	Export through East-West interconnections :							
	By Gas = 157.977	MKWH		By Oil = 63.374		At evening peak-hour	-260	MW, at 20:00 hrs					
	By Coal = 6.409	MKWH		By Hydro = 0.807		Maximum	-280	MW, at 19:00 hrs					
	By Solar= 0.148	MKWH				Energy	0.9915	MKWh					
11.	Total Gas Supplied	:	1331.14	MMCFD									
(D) Forecast of 13.05.19 (Today) Monday :													
01.	Maximum Demand	:	12550	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	13972	MW (Generation end)	05.	Total Generation	:	258.44	MKWh				
03.	Maximum Shortage	:	-1422	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	35.2° C					

\* Captive Power \*\* Imported Power  
#Remarks: Highest Generation 12494MW on 11-05-2019 at 20:00

(MONIRUZZAMAN)  
Deputy Secretary, Generation