



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2019		Day : Thursday		Date : 16.05.19								
Probable Maximum Demand :		12200 MW		Probable Maximum Generation : 14387 MW								
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 73.82 ft		Today = 73.58 ft								
				Rule Curve = 79.15 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.05.19 (Yesterday)		16.05.19 (Today)		15.05.19 (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	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	134	134		On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	100	130	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	380	270	365	365			
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	51	107	13	107			
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	0	0	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	335	330	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	400	380	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	334	327	412	412			
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	61	97	100	100	113	Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0	217	Gas Shortage	
14	Siddhirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	62	100	100			
15	Meghnaghat CCPP (Summit)	Gas (IPP)	2x110+1x110	305	305	145	290	335	335			
16	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	37	65	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	0	55	55	55			
19	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	30	100	100			
20	Gagnagarj (Orion)	HFO (IPP)	12x8.924	102	102	30	100	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	45	49	50	50			
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	0	148	149	149			
27	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	48	49	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	190	220	300	300			
30	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	149	152	149	149			
31	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300			
32	Bramhangaoan 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	0	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	63	62	62	62			
Dhaka Zone Total				5934	5698	2895	3498	4605	4699	780	0	
37	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	30	37	37	37	193		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	20	25	25	25			
40	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	20	0	20	0			
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	46	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	130	130	145	145			
44	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	229	230	225	225			
45	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	32	32	32	32			
46	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	78	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	85	85			
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	73	75	75			
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	17	17			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			2	35	5	35			
51	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	89	104	103	103			
Chattogram Zone Total				1761	1681	858	1125	1165	1175	443	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	185	189	221	221			
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	300	300	360	360			
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	250	200	260	260			
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5			
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	100	108	195	195			
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	10	45	45			
61	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	147	150	150			
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	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	106	188	200	200			
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	19	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	32	33	33			
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	6	43	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	152	172	152	190			
Cumilla Zone Total				2866	2806	1359	1583	2065	2153	398	0	
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	147	149	148	148			
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22			
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	45	94	95	95			
74	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	97	98	86	98			
75	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	192	200	200			
76	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.3	0	2	0			
Mymensingh Zone Total				645	637	311.3	555	553	563	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.05.19 (Yesterday)		16.05.19 (Today)		15.05.19 (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 CAPP-1	Gas (PDB)	2x32+1x33	97	70	58	60	60	60				
78	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	58	58	0	60				
79	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	50	50	50				
80	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	19	50	44	44				
81	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	130	100	100	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	63	63	66	66				
84	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	321	324	330	330				
85	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	30	85	86	86				
86	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	43	46	46	46				
87	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	84	95	130	130				
88	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	19	19	19				
89	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	38	42	40	40				
90	Sylhet (Desti)	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	265	270	341	341				
	Bibiana- 3	Gas (PDB)				82	85	85	85			On Test	
Sylhet Zone Total				1594	1549	1301	1392	1443	1566	0	0		
93	Bheramara GT-Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	32	0	32				
94	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Under Maintenance	20.5.19
95	Fairpur Peaking	HFO (PDB)	8x6.98	54	54	0	31	35	35				
96	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	73	50	80				
97	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
98	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	49	115	115	115				
99	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	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	70	105	105	105				
102	Modhumati Power Plant	HFO (NWPGL)	6x18.415	105	105	108	109	108	108				
**	Bheramara HVDC Interconnector	India		1000	1000	931	940	950	950				
Khulna Zone Total				2328	2314	1166	1445	1503	1565	0	410		
103	Barisal GT-Unit-1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	20				
104	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	96	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	23	9	33	33				
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	177	177	177	177				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	51	96	96	96				
Barishal Zone Total				472	462	267	378	416	436	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	55	55	60	60				
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	92	90	90	90				
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	0	35	35				
112	Ammura	HFO (QRPP)	7x7.79	50	50	0	50	50	50				
113	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	93	95	95				
114	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	44	44				
115	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
116	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	42	42	42				
117	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	197	165	202	202				
118	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	153	150	200	200				
119	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	194	190	220	220				
120	Sirajganj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	300	350	414	414				
121	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
122	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	14	14	14				
123	Ulapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
124	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	50	52	52				
125	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	0	108	108	108				
Rajshahi Zone Total				2080	2070	1029	1490	1959	1959	0	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	70	37	37	15		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	16	18	18				
Rangpur Zone Total				564	484	265	302	271	271	90	85		
Sub-total: Plants in operation				18244	17701	9451	11768	13980	14387	1711	495		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9093	11054	13450	13842				
(B) Plant Under long term maintenance													
130	Brahmanbaria (Agreko)	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	9451	11768	13980	14387	1711	495		
(C) Actual data of 15.05.19 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	11768.00	MW, at = 21:00 hrs									
02.	Max. Demand (Sub-station end)	:	11054.00	MW, at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	11768.00	MW, at = 21:00 hrs		MW	MW	MW		MW	MW	MW	
04.	Minimum Generation (Generation end)	:	7474.30	MW, at = 7:00 hrs	Dhaka	4208	4208	0	Mymensingh	955	955	0	
05.	Day-peak Generation (Generation end)	:	9451.30	MW, at = 12:00 hrs	Chattogram	1190	1190	0	Sylhet	446	446	0	
06.	Evening-peak Generation (Generation end)	:	11768.00	MW, at = 21:00 hrs	Khulna	1336	1336	0	Barishal	249	249	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs	Rajshahi	1336	1336	0	Rangpur	249	249	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	7574.20	MW	Cumilla	1085	1085	0					
09.	Generation shortfall at evening peak due to :	:							Total	11054	11054	0	
	a) Gas limitation	:	1428	MW	13.	Fuel cost:	(a) Gas = 107027855 Taka	(c) Coal = 28853594 Taka					
	d) Coal supply Limitation	:	90	MW		(b) Oil = 355755022 Taka	Total = 135881449 Taka						
	b) Low water level in Kaptai lake	:	193	MW									
	c) Plants under shut down/ maintenance	:	495	MW									
10.	Total Energy (Generation + India Import)	:	237.53	MKWh	14.	Maximum Temperature in Dhaka was :	35.2° C						
	By Gas = 155.604	MKWh		By Oil = 48.651	MKWh	15.	Export through East-West interconnections :						
	By Coal = 6.527	MKWh		By Hydro = 0.754	MKWh		At evening peak-hour	:	-120	MW, at 21:00 hrs			
	By Solar = 0.063	MKWh					Maximum	:	-120	MW, at 21:00 hrs			
							Energy	:	0.0365	MKWh			
11.	Total Gas Supplied	:	1334.22	MMCFD									
(D) Forecast of 16.05.19 (Today) Thursday :													
01.	Maximum Demand	:	12200	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	14387	MW (Generation end)	05.	Total Generation	:	246.25	MKWh				
03.	Maximum Shortage	:	-2187	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	34.3° C					

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

(MONIRUZAMAN)
 Deputy Secretary, Generation