



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2019					Day : Wednesday				Date : 08.05.19					
Probable Maximum Demand : 12500 MW					Probable Maximum Generation : 14260 MW									
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 75.52 ft				Today = 75.28 ft				Rule Curve = 80.67 ft	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.05.19 (Yesterday)		08.05.19 (Today)		07.05.19 (Yesterday)		08.05.19 (Today)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Probable Peak Generation (MW)		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	190	160	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	300	270	300	300					
3	Ghorashal (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	0	110	110					
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	304	352	360	360					
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	400	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	347	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	100	100	100					
15	Meghnaghat CCPP (Summit)	GAS (IPP)	2x110+1x110	305	305	303	280	335	335					
16	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	40	100	100					
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	90	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	70	100	100					
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	64	74	102	102					
21	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	17	17	17					
22	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	49	49	57	57					
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	41	41	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	62	149	149	149					
27	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	38	49	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	0	195	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	0	100	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	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	54	61	61	61					
Dhaka Zone Total				5934	5698	2756	3375	4195	4496	620	0			
37	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	36	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	120	150	120	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	20.1	0	20	0					
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	47	47	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	100	130	150					
44	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	225	230	225	225					
45	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	25	24	25	25					
46	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	78	94	94	94					
47	Juldah (Acorn) 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	83	83	83					
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	16	16	17	17					
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			2	36	10	25					
51	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	84	97	108	108					
Chattogram Zone Total				1761	1681	923.1	1125	1129	1207	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	37	37	37					
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	208	186	221	221					
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	320	350	360	360					
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	360	360	360					
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	24	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	78	78	78	78					
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	35	35	45	45					
61	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	100	127	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	180	200	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	11	11	11					
67	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	33	33	33					
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	21	21	21	21					
70	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200					
**	Tripura	India		160	160	158	176	150	189					
Cumilla Zone Total				2866	2806	1706	1848	2000	2189	398	0			
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	95	97	150	150	105			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	86	85	85	85					
74	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	110	109	115	115					
75	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	25	194	200	200					
76	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.5	0	2	0					
Mymensingh Zone Total				645	637	337.5	505	572	570	105	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.05.19 (Yesterday)		08.05.19 (Today)		07.05.19 (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	58	57	60	60				
78	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	59	59	0	60				
79	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	50	50	50				
80	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44				
81	Kushnara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	100	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	63	66	66				
84	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	328	310	330	330				
85	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	79	80	86	86				
86	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	43	46	46	46				
87	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	99	72	0	120				
88	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	18	0	0				
89	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	38	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	16	24	25	25				
92	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	290	290	341	341				
	Bibiana- 3	Gas (PDB)				288	294	200	250			On Test	
Sylhet Zone Total				1594	1549	1597	1574	1472	1702	0	0		
93	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	44	0	32				
94	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0		410	Under Maintenance	8.5.19
95	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	35	40	40				
96	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	62	50	80				
97	Khulna CCPP	HSD (NWPGL)	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+7x1.5+15	100	100	0	95	100	100				
100	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
101	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	70	90	105	105				
102	Modhumati Power Plant	HFO (NWPGL)	6x18.415	105	105	89	107	108	108				
**	Bheramara HVDC Interconnector	India		1000	1000	945	944	956	956				
Khulna Zone Total				2328	2314	1170	1532	1514	1576	0	410		
103	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	20	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	26	46	33	33				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	149	161	150	170				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	71	96	95	95				
Barishal Zone Total				472	462	246	433	388	434	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	50	0	0	21		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	40	46	46				
112	Amnura	HFO (QRPP)	7x7.79	50	50	6	50	6	50				
113	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	30	93	94	94				
114	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	38	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	28	27	27				
117	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	200	169	202	202				
118	Sirajganj CCPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	6	181	200	200				
119	Sirajganj CCPP-3	Gas (NWPGL)	1x141+1x79	220	220	110	186	208	208				
120	Sirajganj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	320	400	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	14	16	17	17				
123	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
124	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	50	50	52	52				
125	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	53	90	108	108				
Rajshahi Zone Total				2080	2070	822	1524	1641	1785	121	0		
126	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	10.05.19
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	63	66	65	67	19		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	16	17	17				
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	17	18	18				
Rangpur Zone Total				564	484	262	298	299	301	94	85		
Sub-total: Plants in operation				18244	17701	9820	12214	13210	14260	1780	495		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						9349	11433	12577	13577				
(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	9820	12214	13210	14260	1780	495		
(C) Actual data of 07.05.19 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	12214.00	MW, at =	21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	11433.00	MW, at =	21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12232.00	MW, at =	22:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	8435.30	MW, at =	7:00 hrs	Dhaka	4193	4193	0	Mymensingh	904	904	0
05.	Day-peak Generation (Generation end)	:	9819.60	MW, at =	12:00 hrs	Chattogram	1203	1203	0	Sylhet	478	478	0
06.	Evening-peak Generation (Generation end)	:	12214.00	MW, at =	21:00 hrs	Khulna	1425	1425	0	Barishal	320	320	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs	Rajshahi	1425	1425	0	Rangpur	320	320	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	8703.90	MW		Cumilla	1165	1165	0				
09.	Generation shortfall at evening peak due to :	:								Total	11433	11433	0
	a) Gas limitation	:	1494	MW		13.	Fuel cost :	(a) Gas = 102957246 Taka	(c) Coal = 28054997 Taka				
	d) Coal supply Limitation	:	94	MW				(b) Oil = 485845218 Taka	Total = 131012243 Taka				
	b) Low water level in Kaptai lake	:	192	MW									
	c) Plants under shut down/ maintenance	:	495	MW		14.	Maximum Temperature in Dhaka was : 35.2° C						
10.	Total Energy (Generation + India Import)	:	250.24	MKWh		15.	Export through East-West interconnections :						
	By Gas = 152.182 MKWH	By Oil =	64.451 MKWh				At evening peak-hour : -220 MW, at 21:00 hrs						
	By Coal = 6.389 MKWH	By Hydro =	0.818 MKWh				Maximum : -280 MW, at 20:00 hrs						
	By Solar= 0.108 MKWH						Energy : 1 MKWh						
11.	Total Gas Supplied	:	1317.33	MMCFD									
(D) Forecast of 08.05.19 (Today) Wednesday :													
01.	Maximum Demand	:	12500	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	14260	MW	(Generation end)	05.	Total Generation : 255.72 MKWh						
03.	Maximum Shortage	:	-1760	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 41.9° C						

#Remarks: Highest Generation 12214MW on 07-05-2019 at 21:00
 * Captive Power ** Imported Power

(MONIRUZZAMAN)
 Deputy Secretary, Generation