



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2019				Day : Thursday				Date : 09.05.19				
Probable Maximum Demand : 12800 MW				Probable Maximum Generation : 14432 MW				Rule Curve = 80.67 ft.				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 75.28 ft				Today = 75.28 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.05.19 (Yesterday)		09.05.19 (Today)		08.05.19 (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				
	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	134	134	134			On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	150	120	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	320	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	13	96	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	342	349	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	370	390	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	326	328	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	12	90	100	100			
15	Meghnaghat CCPP (Summit)	Gas (IPP)	2x110+1x110	305	305	290	290	335	335			
16	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	18	100	100	100			
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	97	100	100			
18	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	10	55	55	55			
19	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	79	100	100			
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	50	101	102	102			
21	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	16	17	17			
22	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	43	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	39	48	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	98	149	149	149			
27	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	49	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	45	300	200	300			
30	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	100	149	149	149			
31	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	11	100	300			
32	Bramhangonj 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	60	61	61	61			
Dhaka Zone Total				5934	5698	2780	3685	4195	4496	620	0	
37	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	39	40	70	191	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	130	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	19.2	0	20	0			
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	40	41	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	225	229	225	225			
45	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	25	16	25	25			
46	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	80	78	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	68	82	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			3	39	10	25			
51	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	90	97	108	108			
Chattogram Zone Total				1761	1681	997.2	1142	1144	1202	441	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	37	33	37	37			
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	184	200	221	221			
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	300	300	360	360			
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	300	210	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	180	199	195			
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	35	45	45			
61	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	93	125	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	105	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	25	33	33	33			
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	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	100	200			
**	Tripura	India		160	160	154	176	150	189			
Cumilla Zone Total				2866	2806	1562	1800	2121	2306	398	0	
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	135	133	150	150	69	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	86	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	50	200	200	200			
76	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.5	0	2	0			
Mymensingh Zone Total				645	637	399.5	544	572	570	69	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.05.19 (Yesterday)		09.05.19 (Today)		08.05.19 (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	57	56	60	60				
78	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	38	49	49	60				
79	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	41	53	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	163	163	163	163				
82	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	0	11				
83	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	58	63	66	66				
84	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	315	324	330	330				
85	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	81	83	86	86				
86	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	46	46	46				
87	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	123	125	120				
88	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	18	0	0				
89	Sylhet (Eneergyprima)	Gas (RPP)	27x2.0	50	50	39	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	24	24	25	25				
92	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	250	285	341	341				
	Bibiana- 3	Gas (PDB)				220	150	200	250			On Test	
Sylhet Zone Total				1594	1549	1419	1549	1585	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	11.5.19
95	Fairdipur Peaking	HFO (PDB)	8x6.98	54	54	0	30	40	40				
96	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	60	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	49	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	40	40	40	40				
101	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	72	90	105	105				
102	Modhumati Power Plant	HFO (NWPGL)	6x18.415	105	105	108	107	108	108				
**	Bheramara HVDC Interconnector	India		1000	1000	942	945	956	956				
Khulna Zone Total				2328	2314	1211	1529	1514	1576	0	410		
103	Barisal GT -Unit-1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	26				
104	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	110	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	29	46	33	33				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	147	151	150	170				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	93	96	95	95				
Barishal Zone Total				472	462	285	403	388	434	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	55	60	60	16		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	37	46	46				
112	Amnura	HFO (QRPP)	7x7.79	50	50	6	50	6	50				
113	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	24	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	8	50	50	50				
116	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	29	27	27				
117	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	156	186	202	202				
118	Sirajganj CCPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	179	188	200	200				
119	Sirajganj CCPP-3	Gas (NWPGL)	1x141+1x79	220	220	155	192	208	208				
120	Sirajgonj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	300	300	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	13	16	17	17				
123	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11				
124	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	50	40	52	52				
125	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	108	108	108	108				
Rajshahi Zone Total				2080	2070	1026	1462	1701	1845	116	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	64	65	67	21		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	262	298	299	301	96	85		
Sub-total: Plants in operation				18244	17701	9942	12412	13519	14432	1740	495		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						9462	11570	12867	13736				
(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	9942	12412	13519	14432	1740	495		
(C) Actual data of 08.05.19 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	12412.00	MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	11570.00	MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12482.00	MW, at = 22:00 hrs			MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	8703.90	MW, at = 7:00 hrs		Dhaka	4339	4339	0	Mymensingh	957	957	0
05.	Day-peak Generation (Generation end)	:	9941.70	MW, at = 12:00 hrs		Chattogram	1216	1216	0	Sylhet	490	490	0
06.	Evening-peak Generation (Generation end)	:	12412.00	MW, at = 21:00 hrs		Khulna	1407	1407	0	Barishal	311	311	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Rajshahi	1407	1407	0	Rangpur	311	311	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	8932.30	MW		Cumilla	1132	1132	0				
09.	Generation shortfall at evening peak due to :	:								Total	11570	11570	0
	a) Gas limitation	:	1453	MW	13.	Fuel cost :	(a) Gas = 101909436 Taka		(c) Coal = 28265159 Taka				
	d) Coal supply Limitation	:	96	MW			(b) Oil = 607565130 Taka		Total = 130174595 Taka				
	b) Low water level in Kaptai lake	:	191	MW									
	c) Plants under shut down/ maintenance	:	495	MW									
10.	Total Energy (Generation + India Import)	:	267.99	MKWh	14.	Maximum Temperature in Dhaka was : 40.7° C							
	By Gas = 150.800	MKWH	By Oil = 83.326	MKWh	15.	Export through East-West interconnections :							
	By Coal = 6.426	MKWH	By Hydro = 0.855	MKWh		At evening peak-hour : -280 MW, at 21:00 hrs							
	By Solar= 0.140	MKWH				Maximum : -310 MW, at 19:30 hrs							
11.	Total Gas Supplied	:	1336.58	MMCFD		Energy : 0.8845 MKWh							
(D) Forecast of 09.05.19 (Today) Thursday :													
01.	Maximum Demand	:	12800	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	14432	MW (Generation end)	05.	Total Generation : 274.82 MKWh							
03.	Maximum Shortage	:	-1632	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 40.7° C							
* Captive Power ** Imported Power													

#Remarks: Highest Generation 12482MW on 08-05-2019 at 22:00

(MONIRUZZAMAN)
Deputy Secretary, Generation