



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2019				Day : Saturday				Date : 11.05.19							
Probable Maximum Demand : 12500 MW				Probable Maximum Generation : 14770 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)	10.05.19 (Yesterday)		11.05.19 (Today)		10.05.19 (Yesterday)		10.05.19 (Yesterday)		Status of Machines under shut-down/ Maintenance		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		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	135	135				On Test		
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	151	150	180	180				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	310	350	300	300						
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	0	50	104	104						
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	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	40	40	40						
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	55	110	110						
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	343	347	360	360						
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	380	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	359	332	412	412						
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	92	160	120	120	50			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	0	100	100						
15	Meghnaghat CCPP (Summit)	Gas (IPP)	2x110+1x110	305	305	270	260	335	335						
16	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	55	100	100						
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100						
18	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	15	55	55						
19	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100						
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	74	102	102						
21	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	19	19						
22	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	34	49	49	49						
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	32	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	16	149	149	149						
27	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	28	48	48	48						
28	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	54	54	54						
29	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	75	200	300						
30	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	69	135	149	149						
31	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	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	17	55	55	55						
35	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	37	55	55						
36	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	56	56	56						
Dhaka Zone Total				5934	5698	2425	3287	4468	4768	460	0				
37	Kaptai Hydro Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	34	40	40	196			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	8	25	25	25						
40	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.1	0	20	0						
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	40	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	105	130	130	130						
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	24	24	25	25						
46	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	96	105	105						
47	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	80	90	100	100						
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	70	85	85						
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	80	83	83						
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	16	17	17	17						
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			15	35	6	25						
51	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	12	97	108	108						
Chattogram Zone Total				1761	1681	744.1	1125	1166	1168	446	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	35	36	37	37						
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	209	185	221	221						
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	338	300	360	360						
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	110	250	360	360						
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	55	56	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	170	117	195	195						
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	35	45	45						
61	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	12	121	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	34	197	200	200						
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	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	0	0	33						
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	16	50	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	0	100	200						
**	Tripura	India		160	160	130	186	151	188						
Cumilla Zone Total				2866	2806	1311	1691	2085	2305	398	0				
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	144	146	150	150	56			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	24	94	85	85						
74	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	106	106	115	115						
75	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	150	200	200						
76	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.2	0	2	0						
Mymensingh Zone Total				645	637	303.2	516	572	570	56	0				

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.05.19 (Yesterday)		11.05.19 (Today)		10.05.19 (Yesterday)		Status of Machines under shut-down/ Maintenance		
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/water/Coal limitation MW		Machines shut down (MW)	Description/ Remarks	Probable start-up date
						Day	Evening	Day	Evening					
77	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	56	54	60	60					
78	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	48	48	49	60					
79	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	0	46	47	47					
80	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	50	50					
81	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	130	163	163					
82	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	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	320	309	330	330					
85	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	30	82	86	86					
86	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	46	45	45					
87	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	107	109	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	33	42	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	300	270	341	341					
	Bibiana- 3	Gas (PDB)				24	300	230	250			On Test		
Sylhet Zone Total				1594	1549	1224	1612	1697	1723	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 (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	33	40	40					
96	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	53	50	80					
97	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	0					
98	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	16	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	33	40	40					
101	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	17	105	105	105					
102	Modhumati Power Plant	HFO (NWPGLCL)	6x18.415	105	105	52	104	108	108					
**	Bheramara HVDC Interconnector	India		1000	1000	942	943	955	955					
Khulna Zone Total				2328	2314	1035	1527	1513	1575	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	24	44	33	33					
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	176	175	175	170					
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	41	96	95	95					
Barishal Zone Total				472	462	257	425	413	434	0	0			
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	55	55	60	16		Gas Shortage		
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	60	75	75	75	25		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	39	46	46					
112	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	50	50					
113	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	46	94	94	94					
114	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	48	48					
115	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	8	50	50	50					
116	Santahar Peaking	HFO (PDB)	6x8.7	50	50	33	23	27	33					
117	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	205	183	202	202					
118	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	197	184	200	200					
119	Sirajgonj CCPP-3	Gas (NWPGLCL)	1x141+1x79	220	220	160	193	208	208					
120	Sirajgonj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	395	409	300	400					
121	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22					
122	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	15	15	17	17					
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	52	52	52					
125	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	17	108	108	108					
Rajshahi Zone Total				2080	2070	1185	1613	1815	1926	41	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	64	65	65	67	20		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	263	299	299	301	95	85			
Sub-total: Plants in operation				18244	17701	8747	12095	14028	14770	1496	495			
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						8158	11086	13083	13775					
(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	8747	12095	14028	14770	1496	495			
(C) Actual data of 10.05.19 (Yesterday) Friday :														
01.	Max. Demand (Generation end)	:	12095.00	MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	11086.00	MW, at = 21:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)	:	12095.00	MW, at = 21:00 hrs		Dhaka	4046	4046	0	Mymensingh	911	911	0	
04.	Minimum Generation (Generation end)	:	8123.70	MW, at = 9:00 hrs		Chattogram	1132	1132	0	Sylhet	447	447	0	
05.	Day-peak Generation (Generation end)	:	8747.30	MW, at = 12:00 hrs		Khulna	1430	1430	0	Barishal	296	296	0	
06.	Evening-peak Generation (Generation end)	:	12095.00	MW, at = 21:00 hrs		Rajshahi	1430	1430	0	Rangpur	296	296	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Cumilla	1098	1098	0					
08.	Actual Minimum Generation up to 8:00 hrs.	:	9093.50	MW										
09.	Generation shortfall at evening peak due to :	:												
	a) Gas limitation	:	1205	MW	13.	Fuel cost :	(a) Gas = 103342321 Taka		(c) Coal = 28227337 Taka					
	d) Coal supply Limitation	:	95	MW			(b) Oil = 441467126 Taka		Total = 131569658 Taka					
	b) Low water level in Kaptai lake	:	196	MW										
	c) Plants under shut down/ maintenance	:	495	MW	14.	Maximum Temperature in Dhaka was : 36.2° C								
10.	Total Energy (Generation + India Import)	:	243.33	MKWh	15.	Export through East-West interconnections :								
	By Gas = 151.053 MKWH			By Oil = 58.608 MKWh		At evening peak-hour : -160 MW, at 21:00 hrs								
	By Coal = 6.416 MKWH			By Hydro = 0.830 MKWh		Maximum : -330 MW, at 1:00 hrs								
	By Solar= 0.132 MKWH					Energy : 1.1335 MKWh								
11.	Total Gas Supplied	:	**	MMCFD										
(D) Forecast of 11.05.19 (Today) Saturday :														
01.	Maximum Demand	:	12500	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	:	14770	MW (Generation end)	05.	Total Generation : 251.47 MKWh								
03.	Maximum Shortage	:	-2270	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 40.2° C								

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

(MONIRUZZAMAN)
Deputy Secretary, Generation