



**Bangladesh Power Development Board**  
**DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation  
Tel : 9564667, 9551095

Month January, 2019					Day : Tuesday				Date : 08.01.19				
Probable Maximum Demand : 8300 MW					Probable Maximum Generation : 11672 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 98.09 ft		Today = 98.01 ft		Rule Curve = 101.67 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.01.19 (Yesterday)		08.01.19 (Today)		07.01.19 (Yesterday)		08.01.19 (Today)		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance		
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date	
(A) Plants in operation:													
1	a) Ghorasal ST-Unit -1	Gas (PDB)	1 x 55	55	40	0	0	0	0	40		Gas Shortage	
	b) Ghorasal ST-Unit -2	Gas (PDB)	1 x 55	55	45	35	35	35	35				
	c) Ghorasal Unit-3 GT	Gas (PDB)	1 x 210	210	170	0	0	0	0			On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	0	0	0	0			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	340	0	0				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	52	108	108	108				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	35	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				
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110				
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	362	364	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	380	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	364	375	412	412				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	92	155	200	200				
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	170	135	170	170				
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100				
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100				
16	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0				
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100				
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100				
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	15	55	55				
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	0	7	102	102				
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22				
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	46	58	58				
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	0	43	43	43				
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149				
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	18	48	48				
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	54	54	54				
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	0	300	300				
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	15	149	149				
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300				
33	Bramhangon 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
35	Southern Power	HFO (IPP)	3x19.3	55	55	17	17	36	36				
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	18	55	55				
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	46	8	46				
Dhaka Zone Total				6034	5798	1964	2291	3830	4068	450	0		
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	44	43	75	75	187		Water Level Low	
39	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	100	100	120	120	80		Gas Shortage	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25				
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.7	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	46	46	24				
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage	
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	90	100	120	120				
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225		Gas Shortage	
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	50	50	50	50				
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	40	90	90				
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	80	80	100	100				
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	68	0	68				
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	0	72				
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	28	5	28				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	45	90	100				
Chattogram Zone Total				1761	1681	405.7	645	763	894	712	0		
53	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	80	80	100	100				
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	80	80	100	100				
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	39	40	40				
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	202	196	221	221				
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	338	327	360	360				
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0				
58	Ashuganj (Precision)	Gas (RPP)	15'4	55	55	5	5	5	5				
59	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5				
60	Ashuganj Modular 195 MW	Gas (IPP)	20'9.73+1'16	195	195	8	8	8	8				
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	5	51	51	51				
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	0	150	150				
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	30	85	85	85				
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50				
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0				
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	140	140	180	180				
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22				
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	0	11	11				
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	0	0	33				
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	16	22	22	22				
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200				
**	Tripura	India		160	160	92	120	88	112				
Cumilla Zone Total				2951	2891	1068	1177	1700	1807	135	0		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	141	88	161	161				
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	84	81	81				
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	32	100	200				
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.2	0	2	0				
Mymensingh Zone Total				530	522	172.2	226	366	464	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.01.19 (Yesterday)		08.01.19 (Today)		07.01.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
						Day	Evening	Day	Evening				
78	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	56	56	56	56				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	62	61	61	61				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	51	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	49	44	44				
82	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	130	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
84	Shajibazar GT-Unit-8.9	Gas (PDB)	2x35	70	66	65	65	66	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	258	256	256	256				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	84	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	48	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	67	68	78	140				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	20	20				
90	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	12	16	50	50				
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	9	0	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	0	24	0	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	330	340	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	1018	1288	1333	1430	0	0		
94	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
95	Bheramara 360 MW CCPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	320	360	410	410				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	44	0	44				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	0	0	80				
98	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	0				
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	49	115	115				
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	0	100	100				
101	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	17	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	540	687	547	695				
Khulna Zone Total				2223	2209	917	1285	1317	1635	0	0		
103	Barisal GT -Unit-1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
104	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	48	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	18	25	25	25				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	195	198	194	194				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	12	61	95	95				
Barishal Zone Total				472	462	225	332	424	454	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	80	80	80	80				
109	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	0	50				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	24	0	36				
111	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	51	107	100	100				
113	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	40	40	40				
114	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	31	0	31				
116	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	205	199	200	200	11		Gas Shortage	
117	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
118	Sirajganj CCPP-3 GT	Gas (NWPGLCL)	1x141	141	141	0	0	0	0				
119	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0	282		Gas Shortage	
120	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22				
121	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	14	14	14				
122	Ulapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	43	51	52	52				
Rajshahi Zone Total				1556	1546	469	729	619	736	584	0		
124	a) Barapukuria ST-Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	15.01.19
	b) Barapukuria ST-Unit- 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
125	Barapukuria ST-Unit - 3	Coal (PDB)	1 x 274	274	274	149	149	149	149	125		Coal Shortage	
126	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	17				
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	0	18				
Rangpur Zone Total				564	484	149	184	149	184	210	85		
Sub-total: Plants in operation				17685	17142	6388	8157	10501	11672	2091	85		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6020	7687	9896	10999				
Gross Total				17685	17142	6388	8157	10501	11672	2091	85		

(B) Actual data of 07.01.19 (Yesterday) Monday :		11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
01.	Max. Demand (Generation end) : 8157.00 MW, at = 19:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
02.	Max. Demand (Sub-station end) : 7687.00 MW, at = 19:00 hrs	Dhaka	2808	2808	0	Mymensingh	599	599	0
03.	Highest Generation (Generation end) : 8157.00 MW, at = 19:00 hrs	Chattogram	891	891	0	Sylhet	308	308	0
04.	Minimum Generation (Generation end) : 4973.00 MW, at = 5:00 hrs	Khulna	994	994	0	Barishal	195	195	0
05.	Day-peak Generation (Generation end) : 6387.90 MW, at = 12:00 hrs	Rajshahi	849	849	0	Rangpur	374	374	0
06.	Evening-peak Generation (Generation end) : 8157.00 MW, at = 19:00 hrs	Cumilla	669	669	0	Total	7687	7687	0
07.	Evening Peak Load-shed (Sub-station end) : 0.00 MW, at = 19:00 hrs	12. Fuel cost : (a) Gas = 89620521 Taka (c) Coal = 14031872 Taka							Taka
		(b) Oil = 96128237 Taka Total = 103652393 Taka							Taka
08.	Generation shortfall at evening peak due to :	13. Maximum Temperature in Dhaka was : 28.6° C							
	a) Gas limitation : 919 MW	14. Export through East-West interconnections :							
	d) Coal supply Limitation : 210 MW	At evening peak-hour : -140 MW, at 19:00 hrs							
	b) Low water level in Kaptai lake : 187 MW	Maximum : -460 MW, at 1:00 hrs							
	c) Plants under shut down/ maintenance : 85 MW								
09.	Total Energy (Generation + India Import) : 152.93 MKWh								
	By Gas = 122.188 MKWH By Oil = 12.420 MKWh								
	By Coal = 3.635 MKWH By Hydro = 1.010 MKWh								
	By Solar= 0.104 MKWH								
10.	Total Gas Supplied : 1021.02 MMCFD	Energy : 2.9415 MKWh							

(C) Forecast of 08.01.19 (Today) Tuesday :		04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)	
01.	Maximum Demand : 8300 MW (Generation end)	05.	Total Generation : 155.61 MKWh
02.	Maximum Generation : 11672 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 26.1° C
03.	Maximum Shortage : -3372 MW (Generation end)		

\* Captive Power \*\* Imported Power

#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZAMAN)  
Deputy Secretary, Generation