



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month January, 2019					Day : Monday				Date : 07.01.19					
Probable Maximum Demand : 8500 MW					Probable Maximum Generation : 12142 MW									
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 98.14 ft		Today = 98.09 ft		Rule Curve = 101.86 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.01.19 (Yesterday)		07.01.19 (Today)		06.01.19 (Yesterday)		07.01.19 (Today)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down		Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	(MW)				
(A) Plants in operation:														
1	a) Ghorasal ST-Unit -1	Gas (PDB)	1 x 55	55	40	0	0	0	0		40	Under Maintenance	07.01.19	
	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	Under Maintenance	08.01.19	
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	250	280	380	380					
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	12	12	100	100					
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	20	20	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	266	305	360	360					
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	330	370	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	362	348	412	412					
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	185	112	130	130					
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	130	175	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	7	100	100					
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	32	100	100					
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	30	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	49	55	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	38	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	47	47	47					
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	54	54	54					
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	84	150	300					
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	56	130	130					
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300					
33	Bramhangao 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	18	55	55	55					
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	46	8	46					
Dhaka Zone Total				6034	5798	1838	2275	3962	4350	220	230			
38	Kaptai Hydro Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	45	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	150	150	80		Gas Shortage		
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25					
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	20	0	20	0					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	45	46	50	50					
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	120	100	120	140					
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	40	50	50	50					
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	50	64	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	49	0	70					
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22					
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			6	28	20	20					
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	46	51	90	100					
Chattogram Zone Total				1761	1681	597	724	812	960	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	37	40	40	40					
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	205	184	210	210					
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	272	272	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	16					
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51					
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	62	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	40					
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100					
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	17	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	11	11	11					
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	8	16	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	15	21	22	22					
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200					
**	Tripura	India		160	160	92	118	84	112					
Cumilla Zone Total				2951	2891	1032	1297	1685	1894	135	0			
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	169	146	200	200					
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22					
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	7	81	80	80					
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	100	100	200					
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.5	0	2	0					
Mymensingh Zone Total				530	522	207.5	349	404	502	0	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.01.19 (Yesterday)		07.01.19 (Today)		06.01.19 (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	Probable start-up date
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	62	63	63				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	22	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	0	49	21	21				
82	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	130	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
84	Shajibazar GT-Unit-8.9	Gas (PDB)	2x35	70	66	50	40	66	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	256	256	270	280				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	30	86	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	77	108	78	140				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20				
90	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	39	43	50	50				
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	10	0	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	0	25	0	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	310	290	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	1076	1237	1326	1433	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	300	340	410	410				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	40	0	40				
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	32	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	8	40	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	17	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	522	679	540	678				
Khulna Zone Total				2223	2209	847	1236	1310	1614	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	80	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	18	26	25	25				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	194	178	194	194				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	32	97	95	95				
Barishal Zone Total				472	462	244	381	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	50	70	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	0	0	40				
111	Ammura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	26	102	90	100				
113	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	32	50	50				
114	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	8	50	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	31	0	35				
116	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	192	180	200	200	30		Gas Shortage	
117	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150+ 1x75	220	220	0	0	0	0				
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	22	22	22	22				
121	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	14	14	14				
122	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	52	52	52	52				
Rajshahi Zone Total				1556	1546	419	664	619	754	383	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	17	17	0	17				
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	18	18	0	15				
Rangpur Zone Total				564	484	184	184	149	181	210	85		
Sub-total: Plants in operation				17685	17142	6445	8347	10691	12142	1660	315		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6064	7854	10060	11425				
Gross Total				17685	17142	6445	8347	10691	12142	1660	315		

(B)		Actual data of 06.01.19 (Yesterday)		Sunday :		Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
01.	Max. Demand (Generation end)	:	8347.00	MW,	at = 19:00 hrs	11.	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
02.	Max. Demand (Sub-station end)	:	7854.00	MW,	at = 19:00 hrs										
03.	Highest Generation (Generation end)	:	8347.00	MW,	at = 19:00 hrs										
04.	Minimum Generation (Generation end)	:	4796.00	MW,	at = 5:00 hrs	Dhaka	2812	2812	0		Mymensingh	599	599	0	
05.	Day-peak Generation (Generation end)	:	6444.50	MW,	at = 12:00 hrs	Chattogram	816	816	0		Sylhet	311	311	0	
06.	Evening-peak Generation (Generation end)	:	8347.00	MW,	at = 19:00 hrs	Khulna	999	999	0		Barishal	203	203	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at = 19:00 hrs	Rajshahi	861	861	0		Rangpur	559	559	0	
08.	Generation shortfall at evening peak due to :					Cumilla	694	694	0		Total	7854	7854	0	
	a) Gas limitation	:	919	MW		12.	Fuel cost :	(a) Gas = 89094444 Taka		(c) Coal = 14080894 Taka				Taka	
	d) Coal supply Limitation	:	210	MW				(b) Oil = 109093838 Taka		Total = 212269176 Taka				Taka	
	b) Low water level in Kaptai lake	:	187	MW											
	c) Plants under shut down/ maintenance	:	315	MW											
09.	Total Energy (Generation + India Import)	:	153.66	MKWh		13.	Maximum Temperature in Dhaka was :		27.5° C						
	By Gas = 120.632 MKWH			By Oil = 14.512 MKWh		14.	Export through East-West interconnections :								
	By Coal = 3.648 MKWH			By Hydro = 1.037 MKWh			At evening peak-hour		:	-420	MW,	at 19:00 hrs			
	By Solar= 0.145 MKWH						Maximum		:	-510	MW,	at 6:00 hrs			
10.	Total Gas Supplied	:	1032.48	MMCFD			Energy		:	3.7830	MKWh				

(C)		Forecast of 07.01.19 (Today)		Monday :		04. Maximum Load-shed		:	0	MW	At evening peak (Sub-station end)		
01.	Maximum Demand	:	8500	MW	(Generation end)	05.	Total Generation		:	156.47	MKWh		
02.	Maximum Generation	:	12142	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :		:	26.3° C			
03.	Maximum Shortage	:	-3642	MW	(Generation end)								

\* Captive Power \*\* Imported Power

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

(MONIRUZAMAN)  
Deputy Secretary, Generation