



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month January, 2019					Day : Thursday				Date : 03.01.19				
Probable Maximum Demand : 8400 MW					Probable Maximum Generation : 12394 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 98.39 ft		Today = 98.32 ft		Rule Curve = 102.81 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.01.19 (Yesterday)		03.01.19 (Today)		02.01.19 (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)			
(A) Plants in operation:													
1	a) Ghorasal ST-Unit-1	Gas (PDB)	1 x 55	55	40	35	35	35	35				
	b) Ghorasal ST-Unit-2	Gas (PDB)	1 x 55	55	45	0	0	0	0			Under Maintenance	
	c) Ghorasal Unit-3 GT	Gas (PDB)	1 x 210	210	170	0	104	0	0	170		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			Under Maintenance	
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	330	320	330			04.01.19	
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	11	101	100	100				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	20	35	40	40				
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Low Demand	
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	259	331	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	420	420	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	360	350	412	412				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	160	110	0	200				
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	180	180	200	200				
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	25	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	40	102	102				
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22				
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	57	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	30	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	0	0	300				
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	60	130	130				
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	0	0	36	36				
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	56	55	55				
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	47	8	47				
Dhaka Zone Total				6034	5798	2026	2513	3652	4401	115	275		
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	37	67	67	193		Water Level Low	
39	a) Chattogram ST-Unit -1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Low Demand	
	b) Chattogram ST-Unit -2	Gas (PDB)	1 x 210	210	180	120	120	120	120	60		Low Demand	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25				
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.5	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	50	50	50				
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Low Demand	
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	120	120	150	150				
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225		Low Demand	
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	30	92	100	100				
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	68	68	68				
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	70	70				
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			5	28	20	20				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	45	90	100				
Chattogram Zone Total				1761	1681	406.5	697	942	932	193	505		
53	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135		Low Demand	
	b) Ashuganj ST-Unit-4	Gas (APSCL)	1 x 150	150	129	100	100	100	100				
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	80	100	100	100				
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	38	40	40	40				
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	200	185	221	221				
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	320	301	360	360				
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	260	260				
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	7	55	30	55				
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	51	51	51	51				
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	50	150	150				
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	20	50	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	101	98	100	100				
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	150	180	180				
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11				
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	8	25	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	20	22	22	22				
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	0	200				
**	Tripura	India		160	160	94	122	85	109				
Cumilla Zone Total				2951	2891	1082	1392	1882	2204	0	135		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	212	170	176	176		32	Low Demand	
74	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22				
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	7	84	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	2.1	0	2	0				
Mymensingh Zone Total				530	522	248.1	376	380	478	0	32		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.01.19 (Yesterday)		03.01.19 (Today)		02.01.19 (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)		
78	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	10	10	26	26				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	62	62	63	63				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	53	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	5	21	21				
82	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	100	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	65	64	66	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	160	220	230	230				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	20	20	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	48	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	98	98	78	140				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	20	20	20				
90	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	25	25	50	50				
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	9	10	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	341	300	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	977	1071	1266	1353	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	380	350	410	410				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	18	0	40				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	10	35	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	83	115	115				
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	100	100				
101	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	16	32	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	17	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	531	677	538	685				
Khulna Zone Total				2223	2209	954	1300	1308	1621	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	32	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	16	26	25	25				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	187	165	194	194				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	22	95	95	95				
Barishal Zone Total				472	462	225	318	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	0	0	50				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	40				
111	Amnura	HFO (QRPP)	7x7.79	50	50	0	50	50	50				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	51	90	100				
113	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	50	50				
114	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	25	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	23	0	35				
116	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
117	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	170	172	220	220				
118	Sirajganj CCPP-3 GT	Gas (NWPGLCL)	1x141	141	141	0	0	0	0	141		Gas Shortage	
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	7	14	7	10				
122	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	25	43	43	52				
Rajshahi Zone Total				1556	1546	309	491	623	770	704	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	139	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	15	0	15				
Rangpur Zone Total				564	484	139	181	149	181	210	85		
Sub-total: Plants in operation				17685	17142	6367	8339	10626	12394	1222	435		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						6009	7871	10030	11698				
Gross Total				17685	17142	6367	8339	10626	12394	1222	435		

(B) Actual data of 02.01.19 (Yesterday) Wednesday :												
01.	Max. Demand (Generation end)	:	8339.00	MW,	at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :				
02.	Max. Demand (Sub-station end)	:	7871.00	MW,	at =	19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand
03.	Highest Generation (Generation end)	:	8339.00	MW,	at =	19:00 hrs		MW	MW	MW		Supply
04.	Minimum Generation (Generation end)	:	4674.00	MW,	at =	5:00 hrs	Dhaka	2735	2735	0	Mymensingh	582
05.	Day-peak Generation (Generation end)	:	6366.60	MW,	at =	12:00 hrs	Chattogram	896	896	0	Sylhet	309
06.	Evening-peak Generation (Generation end)	:	8339.00	MW,	at =	19:00 hrs	Khulna	986	986	0	Barishal	206
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs	Rajshahi	827	827	0	Rangpur	537
08.	Generation shortfall at evening peak due to :						Cumilla	793	793	0	Total	7871
	a) Gas limitation	:	919	MW			12.	Fuel cost :	(a) Gas = 90210349	Taka	(c) Coal = 13395744	Taka
	b) Low water level in Kaptai lake	:	193	MW				(b) Oil = 58818380	Taka	Total = 162424473	Taka	
	c) Plants under shut down/ maintenance	:	435	MW			13.	Maximum Temperature in Dhaka was : 27.2° C				
09.	Total Energy (Generation + India Import)	:	146.72	MKWh			14.	Export through East-West interconnections :				
	By Gas = 121.417	MKWH	By Oil = 6.817	MKWh				At evening peak-hour : -550 MW, at 19:00 hrs				
	By Coal = 3.470	MKWH	By Hydro = 0.891	MKWh				Maximum : -550 MW, at 18:30 hrs				
	By Solar= 0.146	MKWH										
10.	Total Gas Supplied	:	1044.26	MMCFD				Energy : 3.7970 MKWh				
(C) Forecast of 03.01.19 (Today) Thursday :												
01.	Maximum Demand	:	8400	MW	(Generation end)		04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	12394	MW	(Generation end)		05.	Total Generation : 147.80 MKWh				
03.	Maximum Shortage	:	-3994	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka : 24.9° C				

\* Captive Power \*\* Imported Power

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

(MONIRUZAMAN)  
Deputy Secretary, Generation