



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month January, 2019					Day : Sunday				Date : 13.01.19				
Probable Maximum Demand : 8500 MW					Probable Maximum Generation : 11855 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 97.73 ft		Today = 97.67 ft		Rule Curve = 100.72 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.01.19 (Yesterday)		13.01.19 (Today)		12.01.19 (Yesterday)		13.01.19 (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	32	32	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	250	250			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	0	0	0	0		365	Under Maintenance	
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	102	111	108	108				
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		Gas Shortage	
6	Horipur GT Unit-1,2	Gas (PDB)	2 x 32	64	40	0	0	0	0	40		Gas Shortage	
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110				
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	360	320	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	430	430	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	355	412	412				
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	201	180	150	200				
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	135	235	160	217				
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	55	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	42	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	16	30	58	58				
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	0	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	37	10	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	0	54	54	54				
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	117	300	300				
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	109	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	0	36	36	36				
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	54	55	55				
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	47	8	47				
Dhaka Zone Total				6034	5798	1745	2384	4019	4365	490	365		
38	Kaptai Hydro Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	38	68	70	70	162		Water Level Low	
39	a) Chattogram ST-Unit -1	Gas (PDB)	1 x 210	210	180	120	120	120	120	60		Gas Shortage	
	b) Chattogram ST-Unit -2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	16	25	25	25				
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.3	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	47	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	0	0	0	0	150		Gas Shortage	
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	32	40	50				
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	64	90	90				
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	80	92	92	92				
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	0	85	85				
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	72	72				
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			0	23	5	20				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	93	90	93				
Chattogram Zone Total				1761	1681	335.3	586	781	789	817	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	0	45	100	100				
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	118	100	100	100				
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	20	39	40	40				
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	193	167	221	221				
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	209	305	360	360				
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0	360	Under Maintenance		
58	Ashuganj (Precision)	Gas (RPP)	15'4	55	55	5	35	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	55	68	68				
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	23	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	5	85	85	85				
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	8	0	50				
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0	163	Under Maintenance		
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	35	172	150	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	11	11	11	11				
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	8	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	18	23	23	23				
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200				
**	Tripura	India		160	160	86	118	90	118				
Cumilla Zone Total				2951	2891	788	1271	1641	1874	135	523		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	174	218	200	200				
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22				
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	81	80	81				
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	122	100	200				
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	2	0				
Mymensingh Zone Total				530	522	181	443	404	503	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.01.19 (Yesterday)		13.01.19 (Today)		12.01.19 (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	15	26	30	30				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	18	30	60	30				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	22	53	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	49	49	44	44				
82	Kushiana 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	130	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	2	11	11	11				
84	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	66	40	66	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	134	136	280	280				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	89	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	48	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	77	123	100	140				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0				
90	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	7	23	30	50				
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	0	25	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	341	310	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	871	1103	1347	1377	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	400	380	410	410				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	30	0	44				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	40	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	115	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	40	40	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	53	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	391	686	346	692				
Khulna Zone Total				2223	2209	884	1396	1116	1632	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	20	26				
106	Bhola CCPP GT-1,2,3	Gas (PDB)	2x63+1x68	194	194	199	169	194	194				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	11	96	95	95				
Barishal Zone Total				472	462	228	371	419	455	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	0	0	0	0				
109	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	0	50				
	Paramount Baghabari	HSD (IPP)				9	25	0	0				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	13	0	36				
111	Ammura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	26	100	100	100				
113	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	40	40	40				
114	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	43	43	43				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	37	0	37				
116	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	0	0	0	0				
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	229	231	200	230				
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	11	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	43	43	43	43				
Rajshahi Zone Total				1556	1546	395	679	523	676	573	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	17	17				
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	18	18				
Rangpur Zone Total				564	484	149	184	184	184	210	85		
Sub-total: Plants in operation				17685	17142	5576	8417	10434	11855	2225	973		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5278	7967	9876	11221				
Gross Total				17685	17142	5576	8417	10434	11855	2225	973		

(B) Actual data of 12.01.19 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	8417.00	MW,	at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand (Sub-station end)	:	7967.00	MW,	at =	19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply
03.	Highest Generation (Generation end)	:	8417.00	MW,	at =	19:00 hrs		MW	MW	MW		MW	MW
04.	Minimum Generation (Generation end)	:	4641.00	MW,	at =	5:00 hrs	Dhaka	2817	2817	0	Mymensingh	651	651
05.	Day-peak Generation (Generation end)	:	5576.30	MW,	at =	11:00 hrs	Chattogram	835	835	0	Sylhet	315	315
06.	Evening-peak Generation (Generation end)	:	8417.00	MW,	at =	19:00 hrs	Khulna	1017	1017	0	Barishal	209	209
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs	Rajshahi	861	861	0	Rangpur	557	557
08.	Generation shortfall at evening peak due to :						Cumilla	705	705	0	Total	7967	7967
	a) Gas limitation	:	919	MW			12.	Fuel cost :	(a) Gas = 79079468 Taka	(c) Coal = 14122968 Taka			
	d) Coal supply Limitation	:	210	MW				(b) Oil = 107199309 Taka	Total = 93202436 Taka				
	b) Low water level in Kaptai lake	:	162	MW									
	c) Plants under shut down/ maintenance	:	973	MW			13.	Maximum Temperature in Dhaka was :	26° C				
09.	Total Energy (Generation + India Import)	:	146.92	MKWh			14.	Export through East-West interconnections :					
	By Gas = 113.174 MKWH			By Oil = 16.258 MKWh				At evening peak-hour	-290	MW,	at	19:00 hrs	
	By Coal = 3.659 MKWH			By Hydro = 1.055 MKWh				Maximum	-450	MW,	at	1:00 hrs	
	By Solar= 0.480 MKWH												
10.	Total Gas Supplied	:	948.01	MMCFD				Energy	:	2.3165	MKWh		

(C) Forecast of 13.01.19 (Today) Sunday :													
01.	Maximum Demand	:	8500	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	11855	MW	(Generation end)	05.	Total Generation	:	148.37	MKWh			
03.	Maximum Shortage	:	-3355	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	25.8° C				

\* Captive Power \*\* Imported Power

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

(MONIRUZAMAN)  
Deputy Secretary, Generation