



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month January, 2019					Day : Wednesday				Date : 09.01.19					
Probable Maximum Demand : 8400 MW					Probable Maximum Generation : 12175 MW									
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 98.01 ft				Today = 97.93 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)	08.01.19 (Yesterday)		09.01.19 (Today)		08.01.19 (Yesterday)		09.01.19 (Today)		Status of Machines under shut-down/ Maintenance	
					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	250	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	16.01.19	
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	107	110	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					
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110					
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	330	337	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	360	360	412	412					
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	135	160	200	200					
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	155	225	220	220					
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100					
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	7	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	30	100	100					
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	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	24	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	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	25	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	48	48					
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	36	54	54	54					
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	45	300	300					
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	23	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	55	55	55					
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	47	8	46					
Dhaka Zone Total				6034	5798	1733	2502	4130	4368	450	365			
38	Kaptai Hydro Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	42	41	75	75	189		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	105	100	120	120	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	13.8	0	20	0					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	1	37	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	93	110	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	40	50	50	50					
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	50	90	90					
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	70	88	100	100					
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	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	20	20	22	22					
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			6	31	10	15					
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	65	90	100					
Chattogram Zone Total				1761	1681	415.8	668	929	924	714	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	100	120	100	100					
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	100	120	100	100					
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	39	39	40	40					
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	232	195	221	221					
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	280	320	360	360					
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0		360	Under Maintenance	30.01.19	
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	180	180					
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51					
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	102	150	150					
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	50	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		163	Under Maintenance	20.01.19	
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	83	107	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	8	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	21	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	86	118	91	112					
Cumilla Zone Total				2951	2891	1095	1335	1883	1979	135	523			
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	145	125	161	161	77		Gas Shortage		
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22					
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	7	75	81	81					
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	80	100	200					
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.1	0	2	0					
Mymensingh Zone Total				530	522	182.1	302	366	464	77	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.01.19 (Yesterday)		09.01.19 (Today)		08.01.19 (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	30	56	56	56				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	61	61	61	61				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	45	53	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	49	49	44	44				
82	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	163	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	69	67	66	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	131	149	256	256				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	86	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	49	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	98	12	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	20	27	50	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	295	315	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	995	1133	1368	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	445	434	410	410				
96	Fairdur Peaking	HFO (PDB)	8x6.98	54	54	0	43	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	53	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	542	687	549	696				
Khulna Zone Total				2223	2209	1080	1358	1319	1636	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	16	25	25	25				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	205	200	194	194				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	10	52	95	95				
Barishal Zone Total				472	462	231	325	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	90	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	36				
111	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	50	67	100	100				
113	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	40	40				
114	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	37	0	31				
116	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	192	192	200	200	18		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	12	22	22	22				
121	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	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	52	52				
Rajshahi Zone Total				1556	1546	460	576	619	736	591	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	19	18	18				
Rangpur Zone Total				564	484	149	185	167	184	210	85		
Sub-total: Plants in operation				17685	17142	6341	8384	11205	12175	2177	973		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6015	7953	10629	11549				
Gross Total				17685	17142	6341	8384	11205	12175	2177	973		

(B) Actual data of 08.01.19 (Yesterday) Tuesday :		Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
01.	Max. Demand (Generation end) : 8384.00 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) : 7953.00 MW, at = 19:00 hrs	Dhaka	2825	2825	0	Mymensingh	629	629	0
03.	Highest Generation (Generation end) : 8386.00 MW, at = 19:00 hrs	Chattogram	894	894	0	Sylhet	311	311	0
04.	Minimum Generation (Generation end) : 4982.00 MW, at = 5:00 hrs	Khulna	993	993	0	Barisal	202	202	0
05.	Day-peak Generation (Generation end) : 6340.90 MW, at = 9:00 hrs	Rajshahi	864	864	0	Rangpur	541	541	0
06.	Evening-peak Generation (Generation end) : 8384.00 MW, at = 19:00 hrs	Cumilla	694	694	0	Total	7953	7953	0
07.	Evening Peak Load-shed (Sub-station end) : 0.00 MW, at = 19:00 hrs	12. Fuel cost : (a) Gas = 89640938 Taka (c) Coal = 14097492 Taka							Taka
08.	Generation shortfall at evening peak due to : a) Gas limitation : 919 MW d) Coal supply Limitation : 210 MW b) Low water level in Kaptai lake : 189 MW c) Plants under shut down/ maintenance : 973 MW	(b) Oil = 102453108 Taka Total = 103738430 Taka							Taka
09.	Total Energy (Generation + India Import) : 152.40 MKWh	13. Maximum Temperature in Dhaka was : 26.8° C							
	By Gas = 119.882 MKWH By Oil = 13.837 MKWh	14. Export through East-West interconnections : At evening peak-hour : -410 MW, at 19:00 hrs							
	By Coal = 3.652 MKWH By Hydro = 1.031 MKWh	Maximum : -410 MW, at 19:00 hrs							
	By Solar= 0.120 MKWH								
10.	Total Gas Supplied : 1026.98 MMCFD	Energy : 2.6955 MKWh							

(C) Forecast of 09.01.19 (Today) Wednesday :		04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)
01.	Maximum Demand : 8400 MW (Generation end)	05.	Total Generation : 152.66 MKWh
02.	Maximum Generation : 12175 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 25.9° C
03.	Maximum Shortage : -3775 MW (Generation end)		

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation