



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month January, 2019					Day : Friday				Date : 04.01.19				
Probable Maximum Demand : 7500 MW					Probable Maximum Generation : 12385 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 98.32 ft		Today = 98.25 ft		Rule Curve = 102.62 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.01.20 (Yesterday)		04.01.19 (Today)		03.01.20 (Yesterday)		04.01.19 (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	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	155	0	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		190	Under Maintenance	07.01.19
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	320	350	320	330				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	101	104	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	285	365	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	225	225	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	345	350	412	412				
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	97	150	80	200				
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	180	120	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	20	100	100				
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	30	40	55	55				
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	0	100	100				
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	32	32	102	102				
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	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	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	12	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	17	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	24	47	8	47				
Dhaka Zone Total				6034	5798	2038	2302	3732	4401	115	505		
38	Kaptai Hydro Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	42	42	67	67	188		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	150	120	120		30	Low Demand	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	8	25	25	25				
41	Teknaf Solarattech 20MW	Solar (IPP)	1x20	20	20	19.5	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	6	37	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	10	10	90	90				
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	80	92	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	70				
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			4	27	20	20				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	13	13	90	100				
Chattogram Zone Total				1761	1681	494.5	656	804	932	188	475		
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	80	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	40	40	40	40				
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	193	184	221	221				
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	320	261	360	360				
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	260	260				
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	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	88	150	150				
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	40	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	95	100	100				
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	155	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	0	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	15	15	22	22				
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	0	200				
**	Tripura	India		160	160	90	120	85	109				
Cumilla Zone Total				2951	2891	1062	1367	1871	2204	0	135		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	170	147	176	176		55	Low Demand	
74	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	80	80	80				
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	115	100	200				
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0				
Mymensingh Zone Total				530	522	201.1	364	380	478	0	55		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.01.20 (Yesterday)		04.01.19 (Today)		03.01.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : 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	26	56	26	26				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	63	63	63	63				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	22	53	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	21	0	21	21				
82	Kushara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	163	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	56	66	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	231	220	230	230				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	50	86	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	47	48	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	78	78	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	25	25	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	25	0	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	210	280	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	943	1192	1256	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 (NWP/GCL)	1 x 278+1 x 132	410	410	340	340	410	410				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	30	0	40				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	36	0	80				
98	Khulna CCPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	0				
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	99	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	522	668	330	676				
Khulna Zone Total				2223	2209	955	1318	1100	1612	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	20	26	25	25				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	195	171	194	194				
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	51	97	95	95				
Barishal Zone Total				472	462	266	342	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	100	90	100				
113	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	50	50				
114	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	39	0	35				
116	Sirajganj CCPP 1	Gas (NWP/GCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
117	Sirajganj CCPP 2	Gas (NWP/GCL)	1x150 + 1x75	220	220	167	159	220	220				
118	Sirajganj CCPP-3 GT	Gas (NWP/GCL)	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	11	11	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	310	515	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	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	0	0	15				
Rangpur Zone Total				564	484	149	166	149	181	210	85		
Sub-total: Plants in operation				17685	17142	6419	8222	10339	12385	1217	665		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5994	7678	9655	11566				
Gross Total				17685	17142	6419	8222	10339	12385	1217	665		

(B) Actual data of 03.01.20 (Yesterday) Thursday :														
01.	Max. Demand (Generation end)	:	8222.00	MW,	at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	7678.00	MW,	at =	19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8222.00	MW,	at =	19:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	4754.00	MW,	at =	5:00 hrs	Dhaka	2750	2750	0	Mymensingh	587	587	0
05.	Day-peak Generation (Generation end)	:	6418.60	MW,	at =	12:00 hrs	Chattogram	819	819	0	Sylhet	310	310	0
06.	Evening-peak Generation (Generation end)	:	8222.00	MW,	at =	19:00 hrs	Khulna	992	992	0	Barishal	203	203	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs	Rajshahi	794	794	0	Rangpur	537	537	0
08.	Generation shortfall at evening peak due to :						Cumilla	686	686	0	Total	7678	7678	0
	a) Gas limitation	:	919	MW			12.	Fuel cost :	(a) Gas = 90507637 Taka	(c) Coal = 14099422 Taka				
	b) Low water level in Kaptai lake	:	188	MW				(b) Oil = 70410463 Taka	Total = 175017522 Taka					
	c) Plants under shut down/ maintenance	:	665	MW			13.	Maximum Temperature in Dhaka was : 27.6° C						
09.	Total Energy (Generation + India Import)						14.	Export through East-West interconnections :						
	By Gas = 121.701 MKWH	By Oil =	10.516	MKWh				At evening peak-hour : -460 MW, at 19:00 hrs						
	By Coal = 3.653 MKWH	By Hydro =	0.946	MKWh				Maximum : -520 MW, at 19:30 hrs						
	By Solar= 0.145 MKWH													
10.	Total Gas Supplied							Energy : 3.8850 MKWh						

(C) Forecast of 04.01.19 (Today) Friday :													
01.	Maximum Demand	:	7500	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	12385	MW	(Generation end)	05.	Total Generation : 138.25 MKWh						
03.	Maximum Shortage	:	-4885	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 27.6° C						

\* Captive Power \*\* Imported Power

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

(MONIRUZAMAN)  
Deputy Secretary, Generation