Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month January, 2019 | Day : **Friday** | Date : **18.01.19**

Probable Maximum Demand : 7700 MW | **Probable Maximum Generation :** 11166 MW

Water Level of Kaptai Lake at 06:00 AM | Yesterday = **97.39** ft | Today = **97.29** ft. | Rule Curve = **99.77** ft.

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.01.19 (Yesterday) Actual Peak Generation (MW)		18.01.19 (Today) Probable Peak Generation (MW)		17.01.19 (Yesterday) 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	297	230	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		Gas Shortage	
2	Ghorasal CCPP:Unit-7	Gas	(PDB)	1x 254+1x 126	365	365	0	0	0	0	365		Gas Shortage	
3	Ghorashal (Regent)	Gas	(IPP)	34x3.35	108	108	0	0	80	108				
4	Ghorasal 78.5MW (Max)	Gas	(QRPP)	2x40	78	78	0	0	0	0				
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	337	368	360	360				
9	Meghnaghat CCPP	Gas	(IPP)	2x140+1x170	450	450	425	450	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	370	345	412	412				
12	Shiddirganj GT:Unit-1&2	Gas	(EGCB)	2 x 105	210	210	198	160	200	200				
13	Siddhirganj CCPP-335 MW GT	Gas	(EGCB)	1 x 217	217	217	0	0	0	0				
14	Siddirganj (Desh)	HSD	(QRPP)	96x1.2	100	100	0	0	100	100				
15	Siddirganj (Dutch Bangla)	HFO	(QRPP)	12x8.9	100	100	0	3	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	13	100	100				
18	Madanganj (Summit)	HFO	(QRPP)	6x17	102	100	0	55	100	100				
19	Madanganj-55 MW	HFO	(IPP)	5x17.08+1x11.3	55	55	15	55	55	55				
20	Keranigonj (Powerpac)	HFO	(QRPP)	8x13.45	100	100	0	20	100	100				
21	Gagnagar (Orion)	HFO	(IPP)	12x8.924	102	102	10	102	102	102				
22	Narshingdi (Doreen)	Gas	(SIPP, REB)	8x2.90	22	22	16	19	22	22				
23	Summit Power,(Madhabdi+Ashulia)	Gas	(SIPP, REB)	6x3.67+7x8.73	80	80	50	50	58	58				
24	Summit Power, Maona	Gas	(SIPP, REB)	4x8.73	33	33	33	33	33	33				
25	Summit Power, Rupganj	Gas	(SIPP, REB)	4x8.73	33	33	33	33	33	33				
26	Gazipur (RPCL)	HFO	(RPCL)	6x8.90	52	52	34	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	40	40	40	40				
29	Kamalaghat Munshiganj (Banco Energy)	HFO	(IPP)	3x18.69	54	54	54	54	54	54				
30	Summit Gazipur-2	HFO	(IPP)	18x17.076	300	300	0	245	300	300				
31	Summit Kodda 149MW	HFO	(IPP)	8x18.415+1x8.97	149	149	9	116	149	149				
32	APR Energy , Keranigonj	HSD	(IPP)	256x1.4	300	300	0	0	300	300				
33	Bramhangoan 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	55	55	55	55				
37	Bosila 108 MW (CLC)	HFO	(IPP)	12x8.775+1x3.5	108	108	47	46	46	46				
	Dhaka Zone Total				**6034**	**5798**	**2058**	**2606**	**3622**	**3850**	**855**	**0**		
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	40	105	70	105	125		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	25	25	25	25				
41	Teknaf Solartech 20MW	Solar	(IPP)	1x20	20	20	19.6	0	20	0				
42	Patenga 50MW (Barakatullah)	HFO	(IPP)	8x6.89	50	50	48	50	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	225	225		Gas Shortage	
46	Sikalbaha (Energis)	HFO	(RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	50	40	40	40				
47	Julda (Acorn)	HFO	(QRPP)	8x13.45	100	100	50	68	68	68				
48	Juldah (Acorn) 100 MW Unit-3	HFO	(IPP)	8x13.45	100	100	61	61	90	90				
49	Dohazari-Kalaish Peaking	HFO	(PDB)	6x17.0	102	102	0	68	85	85				
50	Hathazari Peaking	HFO	(PDB)	11x8.9	98	98	42	56	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			10	37	30	40				
52	Chattogram ECPV 108 MW	HFO	(IPP)	16x7.00	108	108	86	93	80	93				
	Chattogram Zone Total				**1761**	**1681**	**573.6**	**745**	**770**	**1033**	**780**	**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	100	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	29	39	40	40				
55	Ashuganj CCPP 225 MW	Gas	(APSCL)	1×142+1*75	221	221	196	186	221	221				
56	Ashuganj CCPP(South)	Gas	(APSCL)	1x360	360	360	312	305	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	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	132	150	150	150				
63	Brahmanbaria (Aggreko)	Gas	(QRPP)	86x1.10	85	85	85	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	100	100		163	Was Under Maintenance	
66	Chandpur 200MW Desh energy	HFO	(IPP)	12x18.415	200	200	50	0	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	5	11	11	11				
69	Jangalia (Summit)	Gas	(SIPP, PDB)	4x8.73	33	33	33	33	33	33				
70	Jangalia (Lakdanavi)	HFO	(IPP)	6x8.92	52	52	0	25	52	52				
71	Summit Power, Cumilla	Gas	(SIPP, REB)	3x3.67+2x6.97	25	25	21	21	23	23				
72	Daudkandi 200 MW	HSD	(IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200				
**	Tripura		India		160	160	98	122	90	120				
	Cumilla Zone Total				**2951**	**2891**	**1229**	**1253**	**1706**	**1916**	**135**	**523**		
73	RPCL CCPP	Gas	(IPP)	4x35+1x70	210	202	133	149	150	150				
74	Tangail (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	22	22	22	22				
75	Jamalpur IPP	HFO	(IPP)	12x8.924	95	95	80	87	95	95				
76	Mymensingh 200MW (United)	HFO	(IPP)	21x9.780	200	200	12	200	100	200				
77	Sarishabari Solar Plant	Solar	(IPP)	12x8.924	3	3	1.3	0	2	0				
	Mymensing Zone Total				**530**	**522**	**248.3**	**458**	**369**	**467**	**0**	**0**		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.01.19 (Yesterday) Actual Peak Generation (MW)		18.01.19 (Today) Probable Peak Generation (MW)		17.01.19 (Yesterday) 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
78	Fenchuganj CCPP-1	Gas	(PDB)	2x32+1x33	97	70	57	57	57	57				
79	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	30	30	30	30				
80	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	53	50	51	51				
81	Fenchuganj (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	50	50	44	44				
82	Kushiara 163 MW CCPP	Gas	(IPP)	1x109+1x54	163	163	0	0	0	0				
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	57	62	66	66				
85	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	0	0	0	0				
86	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	40	67	86	86				
87	Shajibazar (Energyprima)	Gas	(RPP)	27x2.0	50	50	45	46	50	50				
88	Sylhet 150MW GT	Gas	(PDB)	1x142	142	142	80	135	100	135				
89	Sylhet 20MW GT	Gas	(PDB)	1 x 20	20	20	0	20	20	20				
90	Sylhet (Enegyprima)	Gas	(RPP)	27x2.0	50	50	23	22	23	25				
91	Sylhet (Desh)	Gas	(RPP)	6x1.95	10	10	9	10	10	10				
92	Shahjahanulla 25MW	Gas	(CIPP, REB)	3x9.34	25	25	23	25	25	25				
93	Summit Bibiana- 2	Gas	(IPP)	1x222+1x119	341	341	290	295	341	341				
	Bibiana- 3	Gas	(PDB)				0	0	0	0			On Test	
	Sylhet Zone Total				**1594**	**1549**	**765**	**880**	**914**	**951**	**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	(NWPGCL)	1 x 278+1 x 132	410	410	400	438	410	410				
96	Faridpur Peaking	HFO	(PDB)	8x6.98	54	54	0	37	0	43				
97	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	10	30	20	80				
98	Khulna CCPP	HSD	(NWPGCL)	1 x 150+1x75	230	230	0	0	0	0				
99	Khulna (KPCL-2)	HFO	(QRPP)	7x17	115	115	0	116	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	534	689	555	688				
	Khulna Zone Total				**2223**	**2209**	**1037**	**1455**	**1345**	**1627**	**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	64	110	110				
105	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	12	26	20	26				
106	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	197	161	194	194				
107	Bhola Agreeko 95 MW	Gas	(QRPP)	1.1x96	95	95	31	98	95	95				
	Barishal Zone Total				**472**	**462**	**240**	**349**	**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	100		Gas Shortage	
109	Baghabari Peaking	HFO	(PDB)	6x8.9	52	52	0	34	0	50				
	Paramount Baghabari	HSD	(IPP)				1	0	0	0				
110	Bera Peaking	HFO	(PDB)	9x8.29	71	71	0	0	0	35				
111	Amnura	HFO	(QRPP)	7x7.79	50	50	33	40	40	40				
112	Chapainawabganj-100 MW	HFO	(PDB)	12x8.924	104	104	26	94	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	39	39	26	40				
116	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	0	0	0	0				
117	Sirajganj CCPP 2	Gas	(NWPGCL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
118	Sirajgonj CCPP-3 GT	Gas	(NWPGCL)	1x141	141	141	237	230	230	230				
119	Sirajgonj 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**	**479**	**586**	**585**	**684**	**673**	**0**		
124	a) Barapukuria ST:Unit -1	Coal	(PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	28.02.19
	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	17	17				
127	Syedpur GT	HSD	(PDB)	1 x 20	20	20	18	17	17	17				
	Rangpur Zone Total				**564**	484	**184**	**183**	**183**	**183**	**210**	**85**		
	Sub-total: Plants in operation				**17685**	**17142**	**6814**	**8515**	**9913**	**11166**	**2653**	**608**		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							**6383**	**7977**	**9287**	**10461**				
	Gross Total				**17685**	**17142**	**6814**	**8515**	**9913**	**11166**	**2653**	**608**		

(B)	Actual data of 17.01.19 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	8515.00	MW, at =	19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	7977.00	MW, at =	19:30 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	8515.00	MW, at =	19:30 hrs								
04.	Minimum Generation (Generation end)	:	5255.00	MW, at =	5:00 hrs	Dhaka	2807	2807	0	Mymensingh	667	667	0
05.	Day-peak Generation (Generation end)	:	6813.90	MW, at =	12:00 hrs	Chattogram	845	845	0	Sylhet	310	310	0
06.	Evening-peak Generation (Generation end)	:	8515.00	MW, at =	19:30 hrs	Khulna	1015	1015	0	Barishal	205	205	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:30 hrs	Rajshahi	894	894	0	Rangpur	569	569	0
08.	Generation shortfall at evening peak due to :					Cumilla	665	665	0	Total	7977	7977	0
	a) Gas limitation	:	919	MW		12.	Fuel cost :	(a) Gas =	77719408	Taka	(c) Coal =	14133390	Taka
	d) Coal supply Limitation	:	210	MW				(b) Oil =	224576807	Taka	Total =	91852798	Taka
	b) Low water level in Kaptai lake	:	125	MW									
	c) Plants under shut down/ maintenance	:	608	MW		13	Maximum Temperature in Dhaka was :		27.4° C				
09.	Total Energy (Generation + India Import)	:	158.00	MKWh		14.	Export through East-West interconnections :						
	By Gas = 109.538 MKWH		By Oil =	29.737 MKWh			At evening peak-hour	:	-330	MW, at	19:30 hrs		
	By Coal = 3.662 MKWH		By Hydro =	1.004 MKWh			Maximum	:	-420	MW, at	2:00 hrs		
	By Solar= 0.141 MKWH												
10.	Total Gas Supplied	:	936.82	MMCFD			Energy	:	3.0105	MKWh			

(C)	Forecast of 18.01.19 (Today) Friday :									
01.	Maximum Demand	:	7700	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)
02.	Maximum Generation	:	11166	MW	(Generation end)	05.	Total Generation	:	142.87	MKWh	
03.	Maximum Shortage	:	-3466	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :		26° C		

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation