



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month January, 2019					Day : Wednesday				Date : 02.01.19				
Probable Maximum Demand : 8300 MW					Probable Maximum Generation : 12487 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 98.47 ft		Today = 98.39 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)	01.01.19 (Yesterday)		02.01.19 (Today)		01.01.19 (Yesterday)		02.01.19 (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	35	35	35					
	b) Ghorasal ST-Unit-2	Gas (PDB)	1 x 55	55	45	0	0	0	0				
	c) Ghorasal ST-Unit-3	Gas (PDB)	1 x 210	210	170	0	88	0	0		170	Under Maintenance	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	0	0	0	0			04.01.19	
	(e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0				
	(f) Ghorasal ST-Unit-6	Gas (PDB)	1 x 210	210	190	0	0	0	0			03.01.19	
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	300	350	350				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	87	103	100	100				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	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	360	307	360	360				
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	420	330	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	300	412	412				
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	180	125	140	200				
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	135	146	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	1	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	56	102	102				
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	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	43	42	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	48	47	48				
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	190	0	300				
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	79	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	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	2159	2552	3822	4421	115	275		
38	Kaptai Hydro-Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	40	70	70	190	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	140	120	150		40	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	48	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	140	100	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	24	50	50	50				
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	20	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	22	68	68				
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	72	72				
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	20	22	22				
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			14	35	20	20				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	13	90	100				
Chattogram Zone Total				1761	1681	409.5	605	947	967	190	485		
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	120	120	120	120				
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	135	80	120	120				
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	195	221	221				
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	323	290	360	360				
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	260	260				
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	30	30	30	30				
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	45	45	51	51				
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	100	150	150				
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	10	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	100	100	100				
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	68	180	180				
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	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	12	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	17	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	90	118	82	112				
Cumilla Zone Total				2951	2891	1230	1286	1919	2222	0	135		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	162	169	210	170		33	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	0	64	79	79				
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	191.1	355	413	471	0	33		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.01.19 (Yesterday)		02.01.19 (Today)		01.01.19 (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	26	26	57	57				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	20	54	63	63				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	2	53	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	0	21	21	21				
82	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	10	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	61	56	66	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	146	214	230	230				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	20	10	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	47	49	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	118	78	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	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	310	300	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	793	1031	1297	1384	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	360	300	410	410				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	40	0	40				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	34	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	0	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	8	40	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	70	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	529	669	538	685				
Khulna Zone Total				2223	2209	897	1153	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	16	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	16	23	25	25				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	189	190	194	194				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	50	97	95	95				
Barishal Zone Total				472	462	255	326	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	0	100	80	100				
109	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	8	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	65	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	8	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	31	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	186	178	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	5	5	5	5				
122	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	34	43	43				
Rajshahi Zone Total				1556	1546	226	512	621	776	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	139	139	139	135		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	171	139	171	220	85		
Sub-total: Plants in operation				17685	17142	6300	7991	10890	12487	1229	435		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5940	7535	10269	11774				
Gross Total				17685	17142	6300	7991	10890	12487	1229	435		

(B) Actual data of 01.01.19 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	7991.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	7535.00	MW, at = 19:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	7991.00	MW, at = 19:00 hrs			MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	4350.00	MW, at = 5:00 hrs		Dhaka	2642	2642	0	Mymensingh	574	574	0
05.	Day-peak Generation (Generation end)	:	6299.60	MW, at = 12:00 hrs		Chattogram	847	847	0	Sylhet	308	308	0
06.	Evening-peak Generation (Generation end)	:	7991.00	MW, at = 19:00 hrs		Khulna	965	965	0	Barishal	194	194	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Rajshahi	799	799	0	Rangpur	538	538	0
08.	Generation shortfall at evening peak due to :					Cumilla	668	668	0	Total	7535	7535	0
	a) Gas limitation	:	919	MW		12.	Fuel cost :	(a) Gas = 83979337	Taka	(c) Coal = 15819313	Taka		
	b) Low water level in Kaptai lake	:	190	MW			(b) Oil = 59688613	Taka	Total = 159487263	Taka			
	c) Plants under shut down/ maintenance	:	435	MW		13.	Maximum Temperature in Dhaka was : 27.7° C						
09.	Total Energy (Generation + India Import)	:	143.04	MKWh		14.	Export through East-West interconnections :						
	By Gas = 115.511	MKWH	By Oil = 8.332	MKWh			At evening peak-hour	:	-610	MW, at	19:00	hrs	
	By Coal = 3.857	MKWH	By Hydro = 0.951	MKWh			Maximum	:	-610	MW, at	18:30	hrs	
	By Solar= 0.147	MKWH											
10.	Total Gas Supplied	:	1018.24	MMCFD			Energy	:	3.8825	MKWh			

(C) Forecast of 02.01.19 (Today) Wednesday :													
01.	Maximum Demand	:	8300	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	12487	MW (Generation end)	05.	Total Generation	:	148.57	MKWh				
03.	Maximum Shortage	:	-4187	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	25.2° C					

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation