



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month January, 2019			Day : Sunday				Date : 20.01.19					
Probable Maximum Demand :			8800 MW				Probable Maximum Generation : 11761 MW					
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 97.22 ft		Today = 97.17 ft		Rule Curve = 99.39 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.01.19 (Yesterday)		20.01.19 (Today)		19.01.19 (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)		
(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	264	300	264	264			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	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	111	53	108	108			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	35	35	35	35			
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	341	365	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	362	362	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	92	130	200	200			
13	Shiddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	225	217	217			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	30	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	40	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	7	0	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
21	Gaganraj (Oron)	HFO (IPP)	12x8.924	102	102	0	7	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	7	19	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	50	50	50	50			
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33			
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	28	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	6	47	40	47			
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	50	300	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	50	149	149			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300			
33	Bramhangaoan 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	18	55	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	38	46	46			
Dhaka Zone Total			6034	5798	1860	2441	4158	4365	855	0		
38	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	42	70	105	188		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	0	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	10.9	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	40	40	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	51	51	51	51			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	50	57	68	68			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	50	50	90	90			
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	70	70			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			2	32	15	20			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	26	93	80	93			
Chattogram Zone Total			1761	1681	389.9	583	766	799	843	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	80	145	120	120			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	100	120	120	120			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	39	36	40	40			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	204	185	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	287	298	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	180	167	182	182			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	45	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	10	85	85	85			
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	0	50		
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	17	95	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	16	25	33	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	22	23	23			
72	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+1x1.05	200	200	0	0	100	200			
**	Tripara	India		160	160	86	118	91	114			
Cumilla Zone Total			2951	2891	1225	1583	1921	2124	135	360		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	171	184	210	210			
74	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	35	87	95	95			
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	100	100	200			
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.5	0	2	0			
Mymensingh Zone Total			530	522	236.5	393	429	527	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.01.19 (Yesterday)		20.01.19 (Today)		19.01.19 (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	57	57	57	57				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	62	62	62	62				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	48	50	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	49	50	44	44				
82	Kushiana 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	0	0	0	0	163		Under Maintenance	22.01.19
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	0	11	11				
84	Shajbazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	64	40	66	66				
85	Shajbazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0	330		Under Maintenance	25.01.19
86	Shajbazar (Shajbazar)	Gas (RPP)	32x2.90	86	86	10	89	86	86				
87	Shajbazar (Energyprima)	Gas (RPP)	27x2.0	50	50	48	48	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	77	100	100	135				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	20	20	20	20				
90	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	25	23	23	25				
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	25	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	310	290	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	804	864	946	983	0	493		
94	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
95	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	340	440	410	410				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	0	0	43				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	5	86	20	80				
98	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	16	83	115	115				
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	20	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	105	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	398	691	553	701				
Khulna Zone Total				2223	2209	904	1465	1343	1640	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	6	15	20	26				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	187	190	194	194				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	51	94	95	95				
Barishal Zone Total				472	462	244	363	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	43	0	50				
	Paramount Baghabari	HSD (IPP)				29	134	0	0				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	9	0	35				
111	Amnura	HFO (QRPP)	7x7.79	50	50	0	40	40	40				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	102	100	100				
113	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	40	40				
114	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	37	37	26	40				
116	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0				
117	Sirajganj CCPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
118	Sirajganj CCPP-3 GT	Gas (NWPGL)	1x141	141	141	207	185	230	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	7	14	14	14				
122	Lalapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	3	9	11	11				
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	43	52	52				
Rajshahi Zone Total				1556	1546	313	688	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	18	17	18				
Rangpur Zone Total				564	484	184	184	183	184	210	85		
Sub-total: Plants in operation				17685	17142	6160	8564	10750	11761	2716	938		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5801	8064	10122	11074				
Gross Total				17685	17142	6160	8564	10750	11761	2716	938		

(B) Actual data of 19.01.19 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	8564.00	MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8064.00	MW, at = 19:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	8564.00	MW, at = 19:00 hrs		Dhaka	2871	2871	0	Mymensingh	661	661	0
04.	Minimum Generation (Generation end)	:	4776.00	MW, at = 5:00 hrs		Chattogram	807	807	0	Sylhet	327	327	0
05.	Day-peak Generation (Generation end)	:	6160.40	MW, at = 12:00 hrs		Khulna	1022	1022	0	Barishal	203	203	0
06.	Evening-peak Generation (Generation end)	:	8564.00	MW, at = 19:00 hrs		Rajshahi	901	901	0	Rangpur	584	584	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Cumilla	688	688	0	Total	8064	8064	0
08.	Generation shortfall at evening peak due to :					12.	Fuel cost :	(a) Gas = 84032826 Taka	(c) Coal = 14112546 Taka				
	a) Gas limitation	:	919	MW			(b) Oil = 130607105 Taka	Total = 98145372 Taka					
	d) Coal supply Limitation	:	210	MW		13.	Maximum Temperature in Dhaka was : 25.8° C						
	b) Low water level in Kaptai lake	:	188	MW		14.	Export through East-West interconnections :						
	c) Plants under shut down/ maintenance	:	938	MW			At evening peak-hour		:	-340	MW, at 19:00 hrs		
09.	Total Energy (Generation + India Import)	:	152.64	MKWh			Maximum		:	-430	MW, at 24:00		
	By Gas = 117.608 MKWH			By Oil = 17.909 MKWh			Energy : 2,7395 MKWh						
	By Coal = 3.656 MKWH			By Hydro = 0.906 MKWh									
	By Solar = 0.075 MKWH												
10.	Total Gas Supplied	:	1009.95	MMCFD									

(C) Forecast of 20.01.19 (Today) Sunday :												
01.	Maximum Demand	:	8800	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	11761	MW (Generation end)	05.	Total Generation	:	156.84	MKWh			
03.	Maximum Shortage	:	-2961	MW (Generation end)	06.	Probable Max. Temperature in Dhaka	:	25.7° C				

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation