



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month January, 2019		Day : Thursday		Date : 17.01.19								
Probable Maximum Demand :		8600 MW		Probable Maximum Generation : 11490 MW								
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 97.44 ft		Today = 97.39 ft								
		Rule Curve = 99.96 ft										
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.01.19 (Yesterday)		17.01.19 (Today)		16.01.19 (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	292	310	300	310			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	0	0	0	0			
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	290	305	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	400	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	345	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	65	90	160	200			
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0			
14	Siddhirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddhirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	40	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	92	100	100			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	80	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
21	Gaganraj (Oron)	HFO (IPP)	12x8.924	102	102	16	50	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	47	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	25	25	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	43	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	18	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	100	300	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	115	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	56	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	46	46	46	46			
Dhaka Zone Total				6034	5798	1786	2327	3802	4052	855	0	
38	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	38	40	70	70	190		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	19.7	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	48	48	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+3x11.5	51	51	25	32	50	50			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	68	74	100	100			
48	Juldah (Acom) 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	0	68	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			3	35	20	25			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	85	93	80	93			
Chattogram Zone Total				1761	1681	514.7	686	802	800	845	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage
	b) Ashuganj ST:Unit-4	Gas (APSCCL)	1 x 150	150	129	80	80	100	100			
	c) Ashuganj ST:Unit-5	Gas (APSCCL)	1 x 150	150	134	80	100	100	100			
54	Ashuganj Engines	Gas (APSCCL)	14x3.968	53	45	37	39	40	40			
55	Ashuganj CCPP 225 MW	Gas (APSCCL)	1x142+1x75	221	221	225	185	221	221			
56	Ashuganj CCPP(South)	Gas (APSCCL)	1x360	360	360	323	305	360	360			
57	Ashuganj CCPP(North)	Gas (APSCCL)	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+1'116	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	30	150	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	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	78	120	150	180			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	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	33	33	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	21	22	23	23			
72	Daudkandi 200 MW	HSD (IPP)	6x1.4+40x1.515+1x1.05	200	200	0	0	100	200			
**	Tripara	India		160	160	70	124	90	120			
Cumilla Zone Total				2951	2891	1110	1342	1606	1816	135	523	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	107	112	115	115			
74	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	60	87	95	95			
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	16	183	100	200			
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0			
Mymensingh Zone Total				530	522	207.1	404	334	432	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.01.19 (Yesterday)		17.01.19 (Today)		16.01.19 (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 CAPP-1	Gas (PDB)	2x32+1x33	97	70	50	57	57	57				
79	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	53	51	51				
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44				
82	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	100	130	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
84	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	65	66	66	66				
85	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	328	298	330	330				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	40	64	86	86				
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	46	48	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	78	100	100	130				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	20	20	20				
90	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	23	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	17	25	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	300	290	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	1217	1275	1407	1439	0	0		
94	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
95	Bheramara 360 MW CAPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	380	350	410	410				
96	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	43	0	43				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	17	55	20	80				
98	Khulna CAPP	HSD (NWPGLCL)	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	530	671	555	688				
Khulna Zone Total				2223	2209	1020	1363	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	10	20	20	26				
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	199	195	194	194				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	43	96	95	95				
Barishal Zone Total				472	462	252	375	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	1	0	0				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	35				
111	Amnura	HFO (QRPP)	7x7.79	50	50	40	40	40	40				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	43	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	50	50	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	23	39	26	40				
116	Sirajganj CAPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	0	0	0	0				
117	Sirajganj CAPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
118	Sirajganj CAPP-3 GT	Gas (NWPGLCL)	1x141	141	141	233	233	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	14	14	14	14				
122	Lalapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	0	0	11	11				
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	43	52	52	52				
Rajshahi Zone Total				1556	1546	469	587	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	19	19	19	19				
Rangpur Zone Total				564	484	185	185	185	185	210	85		
Sub-total: Plants in operation				17685	17142	6761	8544	10485	11490	2718	608		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6392	8078	9913	10863				
Gross Total				17685	17142	6761	8544	10485	11490	2718	608		

(B) Actual data of 16.01.19 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	8544.00	MW, at = 19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8078.00	MW, at = 19:30 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8544.00	MW, at = 19:30 hrs			MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	5156.00	MW, at = 4:00 hrs		Dhaka	2905	2905	0	Mymensingh	647	647	0
05.	Day-peak Generation (Generation end)	:	6760.80	MW, at = 12:00 hrs		Chattogram	855	855	0	Sylhet	309	309	0
06.	Evening-peak Generation (Generation end)	:	8544.00	MW, at = 19:30 hrs		Khulna	1024	1024	0	Barishal	200	200	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs		Rajshahi	864	864	0	Rangpur	562	562	0
08.	Generation shortfall at evening peak due to :					Cumilla	712	712	0	Total	8078	8078	0
a)	Gas limitation	:	919	MW	12.	Fuel cost :	(a) Gas = 80962528	Taka	(c) Coal = 14158480	Taka			
d)	Coal supply Limitation	:	210	MW		(b) Oil = 187773743	Taka	Total = 95121008	Taka				
b)	Low water level in Kaptai lake	:	190	MW									
c)	Plants under shut down/ maintenance	:	608	MW	13.	Maximum Temperature in Dhaka was :	26.8° C						
09.	Total Energy (Generation + India Import)	:	158.82	MKWh	14.	Export through East-West interconnections :							
	By Gas = 116.148	MKWh		By Oil = 24.364		At evening peak-hour	: -410 MW, at 19:30 hrs						
	By Coal = 3.668	MKWh		By Hydro = 0.949		Maximum	: -430 MW, at 21:00 hrs						
	By Solar = 0.132	MKWh				Energy	: 2,6605 MKWh						
10.	Total Gas Supplied	:	940.61	MMCFD									

(C) Forecast of 17.01.19 (Today) Thursday :											
01.	Maximum Demand	:	8600	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)
02.	Maximum Generation	:	11490	MW	(Generation end)	05.	Total Generation	:	159.86	MKWh	
03.	Maximum Shortage	:	-2890	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	26.4° C		

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation