



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month January, 2019		Day : Sunday			Date : 06.01.19							
Probable Maximum Demand :		8500 MW			Probable Maximum Generation : 12163 MW							
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 98.21 ft			Today = 98.14 ft			Rule Curve = 102.24 ft.				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.01.19 (Yesterday)		06.01.19 (Today)		05.01.19 (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	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	0	0	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	Under Maintenance	08.01.19
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	320	380	380	380			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	6	111	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	330	370	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	370	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	355	348	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	165	123	150	150			
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	160	170	150	170			
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	0	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	30	55	55			
20	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
21	Gaganraj (Oron)	HFO (IPP)	12x8.924	102	102	0	0	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x0.67+7x8.73	80	80	47	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	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	0	47	47	47			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	36	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	0	150	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	15	130	130			
32	APR Energy, Keranigonj	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	0	36	36			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	18	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	47	8	47			
Dhaka Zone Total				6034	5798	1879	2350	3962	4371	115	335	
38	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	44	42	75	75	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	150	120	150	150	60	Low Demand	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	26	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	20.2	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	18	50	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	140	120	140			
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	50	90	90			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	92	92	100	100			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	0	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	20	20	22	22			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			4	25	20	20			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	18	90	100			
Chattogram Zone Total				1761	1681	492.2	633	812	960	188	505	
53	a) Ashuganj ST:Unit-3	Gas (APSCCL)	1 x 150	150	135	0	0	0	0	135	Low Demand	
	b) Ashuganj ST:Unit-4	Gas (APSCCL)	1 x 150	150	129	80	100	100	100			
	c) Ashuganj ST:Unit-5	Gas (APSCCL)	1 x 150	150	134	100	100	100	100			
54	Ashuganj Engines	Gas (APSCCL)	14x3.968	53	45	40	40	40	40			
55	Ashuganj CCPP 225 MW	Gas (APSCCL)	1x142+1*75	221	221	228	183	210	210			
56	Ashuganj CCPP(South)	Gas (APSCCL)	1x360	360	360	331	305	360	360			
57	Ashuganj CCPP(North)	Gas (APSCCL)	1x361	360	360	0	0	0	0			
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	16	8	16			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	5	35	51	51			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	12	150	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	2	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	50	95	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	17	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	0	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	8	22	22	22			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+1x1.05	200	200	0	0	100	200			
**	Tripara	India		160	160	88	120	84	112			
Cumilla Zone Total				2951	2891	977	1195	1674	1894	0	135	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	206	216	200	200			
74	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	81	80	80			
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	7	100	200			
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0			
Mymensingh Zone Total				530	522	237.1	326	404	502	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.01.19 (Yesterday)		06.01.19 (Today)		05.01.19 (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 CAPP-1	Gas (PDB)	2x32+1x33	97	70	56	56	56	56			
79	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	62	62	63	63			
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	49	51	51			
81	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	46	21	21			
82	Kushiera 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	100	100	163	163			
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	8	11	11			
84	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	64	40	66	66			
85	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	126	260	270	280			
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	89	86	86			
87	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	47	49	50	50			
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	100	138	78	140			
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	20	20	20			
90	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	25	34	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	295	275	341	341			
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test
Sylhet Zone Total				1594	1549	932	1260	1326	1433	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	330	380	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	51	0	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	83	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	90	105	105			
**	Bheramara HVDC Interconnector	India		1000	1000	365	669	530	678			
Khulna Zone Total				2223	2209	788	1343	1300	1614	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	18	27	25	25			
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	199	157	194	194			
107	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	10	97	95	95			
Barishal Zone Total				472	462	227	297	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	50	50	80	80			
109	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	52	0	50			
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	40			
111	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	50	50			
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	102	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	50	50	50			
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	31	0	35			
116	Sirajganj CAPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	0	65	200	200	145		Gas Shortage
117	Sirajganj CAPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	0	0	0	0			
118	Sirajganj CAPP-3 GT	Gas (NWPGLCL)	1x141	141	141	154	154	0	0			
119	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	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	14	14	14			
122	Lalpara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11			
123	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	52	52	52	52			
Rajshahi Zone Total				1556	1546	306	653	619	754	498	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	18	0	15			
Rangpur Zone Total				564	484	149	184	149	181	210	85	
Sub-total: Plants in operation				17685	17142	5987	8241	10670	12163	1011	495	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5811	7723	9999	11398			
Gross Total				17685	17142	5987	8241	10670	12163	1011	495	

(B) Actual data of 05.01.19 (Yesterday) Saturday :											
01.	Max. Demand (Generation end)	: 8241.00 MW, at = 19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 7723.00 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)	: 8241.00 MW, at = 19:00 hrs		Dhaka	2746	2746	0	Mymensingh	590	590	0
04.	Minimum Generation (Generation end)	: 4473.00 MW, at = 5:00 hrs		Chattogram	798	798	0	Sylhet	320	320	0
05.	Day-peak Generation (Generation end)	: 5987.30 MW, at = 12:00 hrs		Khulna	1010	1010	0	Barishal	207	207	0
06.	Evening-peak Generation (Generation end)	: 8241.00 MW, at = 19:00 hrs		Rajshahi	825	825	0	Rangpur	543	543	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:00 hrs		Cumilla	684	684	0	Total	7723	7723	0
08.	Generation shortfall at evening peak due to :			12.	Fuel cost : (a) Gas = 87228673 Taka (c) Coal = 14084754 Taka						
	a) Gas limitation	: 919 MW			(b) Oil = 55167739 Taka Total = 156481166 Taka						
	b) Low water level in Kaptai lake	: 188 MW									
	c) Plants under shut down/ maintenance	: 495 MW									
09.	Total Energy (Generation + India Import)	: 146.17 MKWh	13.	Maximum Temperature in Dhaka was : 26.4° C							
	By Gas = 120.972 MKWh	By Oil = 8.296 MKWh	14.	Export through East-West interconnections :							
	By Coal = 3.649 MKWh	By Hydro = 1.025 MKWh		At evening peak-hour : -360 MW, at 19:00 hrs							
	By Solar= 0.149 MKWh			Maximum : -630 MW, at 8:00 hrs							
10.	Total Gas Supplied	: 1053.63 MMCFD		Energy : 6.5015 MKWh							
(C) Forecast of 06.01.19 (Today) Sunday :											
01.	Maximum Demand	: 8500 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	: 12163 MW (Generation end)	05.	Total Generation : 150.77 MKWh							
03.	Maximum Shortage	: -3663 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 25.5° C							

* Captive Power ** Imported Power
#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZZAMAN)
Deputy Secretary, Generation