



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2019		Day : Thursday				Date : 07.03.19						
Probable Maximum Demand :		9100 MW		Probable Maximum Generation :		12882 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 91.32 ft		Today = 91.17 ft		Rule Curve = 92.20 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.03.19 (Yesterday)		07.03.19 (Today)		06.03.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	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	170	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	170	170	170	170			
2	Ghorasal CAPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	280	350	360	360			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	52	52	108	108			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	40	40	40			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	40	40	40	40	65	Gas Shortage	
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	6	0	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	0	0	0	0	360	Under Maintenance 25.03.19	
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	380	380	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	110	110	110	110			
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	361	351	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	130	100	80	80	110	Gas Shortage	
13	Shiddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	117	116	117	117			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
16	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0	305	Under Maintenance 07.03.19	
17	Meghnaghat (EL)	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	15	55	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	50	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	22	22	22			
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	32	51	58	58			
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	33	33	30	30			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	46	51	51	51			
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	48	48			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	54	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	0	200	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	36	0	149	149			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	200	300			
33	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
35	Southern Power	HFO (IPP)	3x19.3	55	55	0	17	55	55			
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	0	45	50	50			
Dhaka Zone Total				6034	5798	2081	2258	3943	4243	215	665	
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	72	72	72	158	Water Level Low	
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	135	130	135	135			
	b) Chattogram ST:Unit-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage	
40	Razzan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	13	25	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	0	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	12	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	202	200	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x11.5	51	51	40	32	51	51			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	10	70	70			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	100	101	100	100			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	34	0	68			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	0	72			
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	22	20	20			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			2	22	15	25			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	12	106	106			
Chattogram Zone Total				1761	1681	575	710	889	1019	528	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	70	70	70	70			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	80	80	80	80			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	0	0			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	37	40	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	260	300	320	320			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	270	330	360	360			
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	5	18	45	45			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	0	150	150			
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	0	0	0	0			
64	Titlas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	8	0	50			
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	90	90	100	100			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	105	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22			
68	Feni, Mohpal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	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	18	21	15	15			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200			
**	Tripura	India		160	160	84	114	105	127			
Cumilla Zone Total				2951	2891	1163	1445	1942	2114	0	0	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	201	195	202	202			
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	7	88	80	80			
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	0	0	122	122			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	60	100	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.5	0	2	0			
Mymensing Zone Total				645	637	238.5	365	528	626	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.03.19 (Yesterday)		07.03.19 (Today)		06.03.19 (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
79	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	60	60	60	60				
80	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	71	72	70	70				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	22	53	51	51				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	20	50	10	44				
83	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	100	100	163	163				
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
85	Shajbazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	64	59	66	66				
86	Shajbazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	196	190	220	220				
87	Shajbazar (Shajbazar)	Gas (RPP)	32x2.90	86	86	5	80	86	86				
88	Shajbazar (Energyprima)	Gas (RPP)	27x2.0	50	50	48	48	50	50				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	49	83	116	116				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20				
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	21	45	24	24				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	0	25	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	300	300	341	341				
	Bibiana- 3	Gas (PDB)				0	15	0	0			On Test	
Sylhet Zone Total				1594	1549	956	1201	1323	1357	0	0		
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
96	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	250	380	410	410				
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	37	0	38				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	41	0	70				
99	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	16	115	115				
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.44+7x1.515	100	100	0	0	100	100				
102	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	703	851	704	853				
Khulna Zone Total				2223	2209	993	1470	1474	1777	0	0		
104	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
105	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	32	100	100				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	7	19	26	26				
107	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	175	167	177	177				
108	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	11	97	95	95				
Barisal Zone Total				472	462	193	315	398	428	0	0		
109	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	60	60	65	65				
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
110	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	0	50				
111	Baghabari 200MW (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	0	0				
112	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	45				
113	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	75	100	100				
115	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	34	32	32				
116	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	43	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	31	0	38				
118	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	161	175	200	200				
119	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	165	170	190	190				
120	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	240	184	220	220				
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0	282		Gas Shortage	
122	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
123	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	14	17	17				
124	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	0	11	11				
125	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	43	43	43				
	Confidence CPBL-2	HFO (IPP)				0	0	0	0			On Test	
Rajshahi Zone Total				1835	1825	723	951	1000	1133	382	0		
126	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	20.03.19
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
127	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	149	149	149	149	125		Coal Shortage	
128	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	17				
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	19	0	19				
Rangpur Zone Total				564	484	149	185	149	185	210	85		
Sub-total: Plants in operation				18079	17536	7072	8900	11646	12882	1335	750		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6885	8100	11009	12177				
Gross Total				18079	17536	7072	8900	11646	12882	1335	750		

(B) Actual data of 06.03.19 (Yesterday) Wednesday :												
01. Max. Demand (Generation end) : 8900.00 MW, at = 19:30 hrs				12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02. Max. Demand (Sub-station end) : 8100.00 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) : 8900.00 MW, at = 19:30 hrs				Dhaka	3058	3058	0	Mymensingh	660	660	0	
04. Minimum Generation (Generation end) : 5301.00 MW, at = 5:00 hrs				Chattogram	939	939	0	Sylhet	320	320	0	
05. Day-peak Generation (Generation end) : 7071.50 MW, at = 12:00 hrs				Khulna	1000	1000	0	Barishal	203	203	0	
06. Evening-peak Generation (Generation end) : 8900.00 MW, at = 19:30 hrs				Rajshahi	1000	1000	0	Rangpur	203	203	0	
07. Evening Peak Load-shed (Sub-station end) : 0.00 MW, at = 19:30 hrs				Cumilla	717	717	0					
08. Actual Minimum Generation up to 8:00 hrs. : 5698.00 MW												
09. Generation shortfall at evening peak due to :								Total	8100	8100	0	
a) Gas limitation : 967 MW				13.	Fuel cost :	(a) Gas = 95851267 Taka	(c) Coal = 14122968 Taka					
d) Coal supply Limitation : 210 MW						(b) Oil = 62016969 Taka	Total = 109974235 Taka					
b) Low water level in Kaptai lake : 158 MW												
c) Plants under shut down/ maintenance : 750 MW												
10. Total Energy (Generation + India Import) : 167.73 MKWh				14. Maximum Temperature in Dhaka was : 28.0° C								
By Gas = 131.004 MKWh				15. Export through East-West interconnections :								
By Coal = 3.659 MKWh				At evening peak-hour : 20 MW, at 19:30 hrs								
By Solar = 0.032 MKWh				Maximum : -210 MW, at 8:00 hrs								
By Hydro = 12.830 MKWh				Energy : 0.563 MKWh								
11. Total Gas Supplied : 1158.37 MMCFD												
(C) Forecast of 07.03.19 (Today) Thursday :												
01. Maximum Demand : 9100 MW (Generation end)				04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02. Maximum Generation : 12882 MW (Generation end)				05. Total Generation : 171.50 MKWh								
03. Maximum Shortage : -3782 MW (Generation end)				06. Probable Max. Temperature in Dhaka : 28.7° C								

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

(MONIRUZZAMAN)
Deputy Secretary, Generation