

16. UTILITIES

16.01 Electricity Production in Grand Cayman

Year	Capacity (Mws)	Production (Mwhrs)	Consumption (Mwhrs)			All	Percent Change
			Domestic	Industrial Commercial	Public Lighting		
1996	71.8	309,717	124,580	153,756	3,113	281,449	4.7
1997	88.4	347,766	140,344	168,662	3,286	312,292	11.0
1998	97.2	381,121	158,877	181,293	3,293	343,463	10.0
1999	94.8	390,370	168,153	191,527	3,322	363,002	5.7
2000	115.1	426,465	179,451	203,122	3,409	385,982	6.3
2001	115.1	449,300	189,667	213,880	3,502	407,049	5.5
2002	115.1	466,136	200,389	221,005	4,238	425,632	4.6
2003	123.1	489,693	211,237	228,498	4,533	444,268	4.4
2004	123.1*	433,379	183,142	191,521	4,069	378,732	-14.8
2005	106.8	463,158	200,330	222,434	5,020	427,784	13.0
2006	120.6	535,692	228,160	258,034	5,287	491,481	14.9

Source: Caribbean Utilities Co. Ltd., Grand Cayman

16.02 Electricity Production in the Sister Islands

Year	<i>Thousands kwhrs</i>		
	Cayman Brac	Little Cayman	Total
1996	8,427	1,848	10,275
1997	9,942	2,196	12,138
1998	10,980	2,510	13,490
1999	11,366	2,780	14,147
2000	11,573	2,842	14,414
2001	12,638	2,914	15,552
2002	12,896	3,090	15,986
2003	13,681	2,950	16,631
2004	14,097	3,054	17,151
2005	15,244	3,238	18,482
2006	n/a	n/a	n/a

Note

* Firm capacity at year end was 95.43 mw because of Ivan.

Source: Cayman Brac Light & Power, Cayman Brac

16.03 Water Supply in Grand Cayman

	<i>US Million Gallons</i>										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Desalinated Water											
Cayman Water Company	278.8	323.0	355.2	361.9	402.2	496.5	537.1	562.0	612.6	628.6	821.4
Water Authority	349.7	403.0	448.7	507.6	578.3	593.9	601.8	630.4	668.6	737.0	811.5
Ground Water											
East End	2.5	4.7	4.9	5.0	7.1	5.7	5.4	5.4	7.9	7.0	6.7
All Potable Water	631.0	730.7	808.8	874.5	987.6	1,096.1	1,144.3	1,197.8	1,289.1	1,372.6	1,639.6
Distributed by											
Pipeline	619.7	711.5	793.5	863	965.8	1,073.7	1,120.3	1,178.4	1,259.6	1349.5	1619.6
Truck	11.3	19.2	15.5	11.5	21.8	22.4	24.0	19.4	29.5	23.1	20
Non-Potable Water											
Cayman Water Company	49.6	52.9	38.9	39.5	48.7	52.2	-	35.7	31.7	28.6	51.9

16.04 Water Supply in Cayman Brac

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Distributed by											
Pipeline	8.7	8.6	9.8	11.6	10.6	11.3	9.6	11.1	12.5	14.3	15.9
Truck	2.0	3.6	4.8	5.3	6.5	6.6	7.1	6.9	11.1	9.6	9.8
Total	10.7	12.2	14.6	16.9	17.1	17.9	16.7	18.0	23.6	23.9	25.7

Note

Source: Water Authority and Cayman Water Company

16.05 Desalinated Water Consumption by Consumer Group

	<i>US Million Gallons</i>										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Water Authority Users											
Single Residential	214.9	250.3	286.1	329.7	373.7	392.8	409.4	427.8	455.9	533.7	589.2
Multi-Residential	25.6	26.0	26.2	25.8	24.0	24.5	23.2	23.9	20.7	14.5	15.7
Commercial & Industrial	79.2	85.3	96.6	113.1	126.5	128.4	122.7	125.5	132.1	136.3	149.2
Public Authority	22.3	28.2	31.0	33.0	38.8	34.5	33.4	40.0	38.8	36.4	44.0
Truckers	7.7	13.2	8.9	5.8	15.2	13.7	13.2	13.2	21.1	16.1	13.3
Total	349.7	403.0	448.8	507.4	578.2	593.9	601.9	630.4	668.6	737.0	811.4
Cayman Water Co.											
Residential	60.3	72.4	80.2	86.7	97.8	104.0	103.7	107.5	122.7	157.9	173.7
Commercial/industrial	214.4	245.3	269.0	268.8	296.8	305.9	295.7	393.1	419.9	370.3	510.8
Irrigation	49.6	52.9	38.9	39.5	48.5	52.2	39.0	35.7	31.7	28.6	51.9
Public Authority	3.1	4.9	10.8	5.7	7.6	11.4	11.0	6.2	7.6	8.9	12.8
Truckers	1.1	1.3	1.7	0.7	0.6	0.5	1.3	0.7	0.0	0.0	0.0
Total	328.5	376.8	400.6	401.4	451.3	474.0	450.7	543.2	581.9	565.7	749.2

16.06 Trucked Water By Source

	<i>US Million Gallons</i>										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Reservoirs											
Cayman Water Company	1.1	1.3	1.7	0.6	0.6	0.5	1.3	0.7	-	-	-
East End	2.5	4.7	4.9	5.1	7.1	5.7	5.4	5.4	7.9	7.0	6.7
Red Gate Water Works	7.7	13.2	8.9	5.8	14.1	16.2	17.3	13.3	21.6	16.1	13.3
Total	11.3	19.2	15.5	11.5	21.8	22.4	24.0	19.4	29.5	23.1	20.0

16.07 Sewage

Grand Cayman	<i>US Million Gallons</i>										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sewage treated	321.5	312.4	394.7	421.4	440.0	450.0	494.2	534.5	508.0	474.4	582.1
Septage	2.9	3.4	3.2	3.8	3.9	3.1	3.9	3.9	5.5	6.6	7.0
Number of connections	259	259	258	263	276	281	282	290	265	280	311

Source: Water Authority and Cayman Water Company