

Caribbean Utilities Company, Ltd. (CUC)

CUC is the sole electrical utility on Grand Cayman and is regulated by the Electricity Regulatory Authority (ERA). On April 3, 2008, CUC signed a non-exclusive Electricity Generation Licence and an exclusive Electricity Transmission and Distribution Licence. The Generation Licence has a term of twenty-one years and six months while the T&D Licence has a twenty year term.

Corporate:

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History:

CUC commenced operations as the only public electric utility in Grand Cayman in May 1966. CUC has 193 employees committed to providing a safe and reliable electricity supply to over 26,500 customers. CUC is considered one of the most reliable and efficient power companies in the Caribbean.

Current Billing Rates:

The Table below highlights the Residential, General Commercial and Large Commercial rate schedule for CUC in Cayman Islands dollars.

	Rates
Residential (Rate R) Monthly Customer/Facilities Charge	\$5.12
Residential: All kWh per month	\$0.1039 per kWh
General Commercial (Rate C) Monthly Customer/Facilities Charge	\$25.60
General Commercial: All kWh per month	\$0.1039 per kWh
Large Commercial (Rate L) Monthly Customer/Facilities Charge	\$138.24
Large Commercial: First 30,000 kWh per month	\$0.1039 per kWh
Large Commercial: Over 30,000 kWh per month	\$0.0911 per kWh

Customers that consume over 38,800 kWh per month for three (3) consecutive months will be considered Large Commercial. As outlined in Condition 21 of the

Electricity Transmission and Distribution Licence (April 3, 2008), 100% of all fuel costs as well as Government and Regulatory costs are passed onto consumers and are not included in the above rate schedule.

Operations:

CUC has an installed generating capacity of 146.54 megawatts (MW) at its sole generating facility, the North Sound Power Station. CUC experienced a record peak load of 102.1 MW in June 2010. In 2011, CUC experienced a maximum peak load of 99 MW.

CUC utilizes diesel engines for all electrical generation at its North Sound Power Station. The Table below identifies the diesel generating fleet:

Unit #	Make and Model	Capacity (MW)	Start-up Date	Retirement Date
1	Mak 8M601C	9	5/1/1997	4/30/2022
2	Mak 8M601C	9	5/1/1997	4/30/2022
3	Caterpillar 3616	4.4	5/1/1998	2/28/2027
4	Caterpillar 3616	4.4	5/1/1998	2/28/2027
14	Stork Werkspoor TM620	10.3	5/1/1987	4/30/2014
15	Stork Werkspoor TM620	10.3	5/1/1989	4/30/2016
16	Mirrlees KV16	7.59	5/1/1991	4/30/2013
19	Caterpillar 3616	4	5/1/1986	7/31/2016
20	Caterpillar 3616	4	5/1/1988	2/28/2019
25	Solar Centar 50G Turbine	3.5	5/1/1996	4/30/2026
26	MAN Gas Turbine	8.4	7/1/2006	9/30/2029
32	MAN B&W 12V 48/60	16	10/1/2009	9/30/2029
33	MAN B&W 12V 48/60	16	6/1/2007	9/30/2029
34	MAN B&W 12V 48/60	12.25	8/1/2003	7/31/2028
35	MAN B&W 12V 48/60	12.25	8/1/2000	7/31/2025
36	MAN B&W 12V 48/60	12.25	8/1/2000	7/31/2025
41	Caterpillar 3600	1.45	7/1/2007	6/30/2014
42	Caterpillar 3600	1.45	7/1/2007	6/30/2014

CUC has a 30-day peak fuel supply contract with Esso Standard Oil S.A. to provide approximately 80% of the utility's consumption. Cayman Islands Fuel Services Limited supplies the remaining 20%. In 2010, CUC burned 31.726 million imperial gallons of diesel, approximately 95% of all diesel fuel imported into Grand Cayman.

The CUC transmission and distribution system includes 8 major transformer stations, 300 miles of high-voltage overhead cable and 14 miles of high-voltage submarine cable. In 2010, CUC experienced electricity sales of 553.8 GWh.

Alternative Generation from Renewable Resources:

There is no medium to large scale renewable generation on Grand Cayman; however, in August 2011, CUC invited expressions of interest for 13 MW of grid-connected renewable generation. CUC has a non-exclusive generation licence; therefore, an independent power producer (IPP) can approach CUC to provide firm or non-firm renewable or alternative generation and negotiate a power purchase agreement (PPA) for approval by the ERA. Condition 32 of the Electricity Transmission and Distribution Licence (April 3, 2008) addresses the encouragement of renewables on Grand Cayman. Also visit the Renewable Energy section of this website.

Small scale customer generated renewable energy is encouraged on Grand Cayman. In 2011, CUC introduced a feed in tariffs (FITs) structure under the CUC Consumer-Owned Renewable Energy Program (CORE). CORE provides for the sale and exchange of electricity between CUC and residential or commercial customers with renewable generating facilities at their premises. Visit the Licensing section of the ERA website for more information on the CUC CORE Program.