

CHENACT

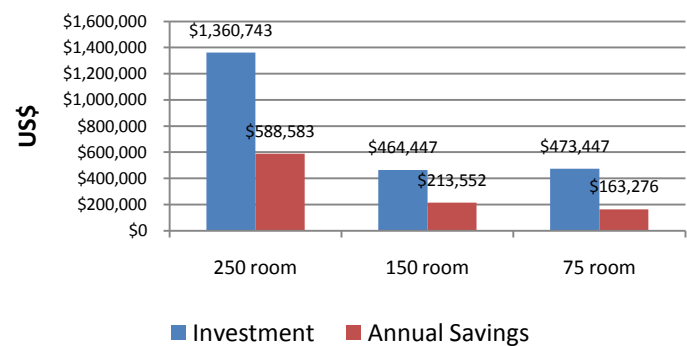


Energy Efficiency

An Untapped Opportunity for Caribbean hotels!!

Energy audits of various size hotels in Barbados have identified attractive energy efficiency investments that payback in less than 3 years.

Investment and Annual Savings for Audited Hotels



The most common investments include:

- ***Replace mini-split air conditioners with inverter-type variable refrigerant volume (VRV) system with heat exchange for hot water***
- ***Replace incandescent bulbs with lower wattage compact fluorescent lamps (CFLs)***
- ***Replace T-12 fluorescent tubes with low wattage light emitting diode (LED) tube lamps***
- ***Install guestroom air-conditioning controls such as occupancy sensors and programmable thermostats***



The Caribbean Hotel Energy Efficiency Action (CHENACT) project is designed to improve the competitiveness of small to medium sized hotels in the Caribbean through the introduction of energy efficiency and on-site renewable energy. In addition to the energy related cost savings at the property level, CHENACT will determine the potential for reducing greenhouse gas (GHG) emissions and imported oil at the national level associated with utility electricity generation.