

Hawaii Energy

SAIC, State Energy Conservation and Efficiency Program

1132 Bishop Street, Suite 1800

Honolulu, Hawaii 96813

Phone: (808) 537-5577

www.hawaiienergy.com



Hawaii Energy is a rate payer based program that incentivizes building energy efficiency by offering rebates on lights, air conditioners, pumps, motors, window film and cool roofs, refrigerators, restaurant equipment, and energy management systems. The rebates are available to non-residential electric utility rate payers on the Big Island, Lanai, Maui, Molokai and Oahu. Rebate application forms are available and downloadable at www.hawaiienergy.com.

List of Hawaii Energy's Incentive Worksheets:
www.hawaiienergy.com/59/for-your-business

New Commercial Cool Roofs
Hotel Guest Room Energy Management Systems
Lighting
Commercial Kitchen Demand Ventilation Controls
HVAC Fan Variable Frequency Drive
HVAC Pump Variable Frequency Drive
HVAC Packaged and Split System
HVAC Water Cooled Chiller
Inverter Variable Refrigerant Flow Air Conditioners
Booster Pump
Motor
Submetering
Vending Miser
Window Film

ONLINE RESOURCES

www.hawaiienergyinitiative.org/

www.hawaii.gov/dbedt/info/energy

www.hawaii.gov/dbedt/info/economic/databook

www.hawaiienergy.com/15/energy-solutions-for-the-business

www.hawaiienergy.com/media/assets/SummaryofBusinessRebates-20120330.pdf

OTHER RESOURCES

www.energystar.gov

ENERGY STAR is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping us all save money and protect the environment through energy efficient products and practices.

ENERGY STAR Portfolio Manager is an interactive online energy management tool that allows you to track and assess energy and water consumption for facilities.

www.energystar.gov/index.cfm?c=evaluate_performance.bus_portfolio/portfolioenergy

ENERGY STAR Cash Flow Opportunity (CFO) calculator is a tool to translate energy savings into "financial speak" when trying to implement energy efficiency projects.

www.energystar.gov/index.cfm?c=assess_value.financial_tools

www.dsireusa.org

DSIRE is a source of information for state, local, utility, and federal incentives and policies that promote renewable energy and energy efficiency.

<http://www.hawaii.gov/dbedt/info/energy>

The Department of Business, Economic Development & Tourism's Hawaii State Energy Office is dedicated to developing a clean energy economy for Hawaii through investments, policy, and regulatory framework that enables development of clean energy businesses and projects.

www.hawaiienergyinitiative.org

Hawaii Clean Energy Initiative is a partnership between the State of Hawaii and the U.S. Department of Energy to bring together business leaders, policy makers, and concerned citizens to achieve energy independence.

CREDITS

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DISCLAIMER

This brochure does not constitute a complete listing of all measures that are possible in implementing high performance lighting design. None of the programs, agencies, organizations, or individuals sponsoring or contributing to the report assume any liability whatsoever for the accuracy or completeness of the information provided in this directory. All information contained herein is subject to change. Neither the Department of Business, Economic Development, and Tourism; or the State of Hawai'i, nor the U.S. Department of Energy award #DE-EE0000216, nor any of its employees make any warranty, expressed or implied, or assume any legal liability or responsibility for the products, processes, or other information disclosed in this document. Reference to any specific commercial product, process, or service by trade name, mark, manufacturer or otherwise does not constitute or imply its endorsement or recommendation by the Department of Business, Economic Development, and Tourism; the State of Hawai'i; nor the U.S. Department of Energy. Final implementation decisions are the sole responsibility of the building owner and facility manager. Any representation or information provided in this document should be verified prior to any reliance upon such information or making any final implementation decisions.



FUNDING AND FINANCING OPPORTUNITIES FOR ENERGY EFFICIENCY PROJECTS IN COMMERCIAL BUILDINGS IN HAWAII



Bank of Hawaii

Mark Carkin, VP & Manager
Equipment Finance Division
130 Merchant Street, 20th Floor
Honolulu, Hawaii 96813
Phone: (808) 694-8297
www.boh.com



Bank of Hawaii offers financing customized to the individual client rather than the particular system or equipment that will be used. When applying for financing, clients should be prepared with the company's financial statement and the loan amount. If the savings from the project are intended to be applied to the principal payments, it may help with the underwriting if the clients can be prepared with and provide the following:

- Project Budget
- Energy Study
- Useful life of the system or equipment

Lending terms are typically 3 to 5 years shorter than the life of the asset.

According to ASHRAE, typical useful lives of equipment are as follows:

Equipment Item	Median Years
Indoor Chiller	23
Cooling Tower	20
Centrifugal Fan	25
Pump	20
Heat Pump	19
Controls	15

Current Capital and Consulting

Jae Kwak, Managing Member
Phone: (808) 429-5090
www.curcap.com



Current Capital provides financial brokering for all forms of equipment and systems. They specialize in obtaining commercial financing or leasing for alternative energy and energy conservation measures. Funding and financing sources that they are familiar with include:

- Small Business Administration Loans
www.sba.gov
- HEDCO – SBA 504 Loan Program
www.hedcoldc.com
- State and Federal grants
- Power Purchase Agreements

PacifiCap Investment Management

Jeffrey Au, Managing Director
820 Mililani Street, Suite 600
Honolulu, Hawaii 96813
Phone: (808) 237-5388

PacifiCap is a locally based venture capital investment firm. The firm has provided nearly \$3 million in PV/Solar financing. Their alternative energy financing initiatives include:

- Power Purchase Agreements
- Equipment Leasing

GreenSun Hawaii

Hawaii Community Reinvestment Corporation
3465 Waiialae Avenue, Suite 393
Honolulu, Hawaii 96816
Phone: (808) 532-3110
www.hcrc-hawaii.org or
www.greensunhawaii.com



GreenSun Hawaii is a credit enhancement program that enables local financial institutions to extend loan availability to a larger pool of customers. This public-private partnership provides access to capital at competitive loan terms and rates. Commercial facilities shall work with Hawaii Energy, Kauai Island Utility Cooperative, or a GreenSun Hawaii authorized contractor to conduct an energy assessment in order to be eligible for the financing package. Eligible expenses/installations shall be based on the cost-benefit recommendation of the energy assessment and may include:

- Lighting Retrofits/Upgrades
- Air Conditioning Retrofits/Upgrades
- Solar Thermal Systems
- Solar Electric Systems
- Energy Efficiency Windows

SBA 504 Loan Program Provider