



Hawaii Energy
Your Conservation & Efficiency Program

Business Incentives Summary

For questions: Call 537-5577 (Oahu) or toll-free 1-877-231-8222 (Neighbor Islands)
www.hawaiienergy.com



TECHNOLOGY	INCENTIVES FOR RETROFIT					
Air cooled packaged & split air conditioning system	\$150 per ton (12,000 BTU/hr)					
	Unit Size (BTU/hr)	Unit Size (Btu/tons)	IECC 2006 (kW/ton)	EER	Hawaii Energy Premium Efficiency (kW/ton)	Qualifying EER
	Splits < 65,000	< 5.42	1.364	9.7 (SEER)	1.159	11.2 (SEER)
	Package <65,000	< 5.42	1.332	10.0 (SEER)	1.113	11.5 (SEER)
	65,001 to 135,000	> 5.42 to 11.25	1.165	10.3	0.990	11.8
	135,001 to 240,000	> 11.25 to 20.0	1.237	9.7	1.052	11.2
	240,001 to 760,000	> 20.0 to 63.33	1.263	9.5	1.074	10.9
> 760,000	> 63.33	1.304	9.2	1.109	10.6	
EER (Energy Efficiency Ratio) must be 15% higher than IECC 2006						
VRF (Variable refrigerant flow) air conditioning	\$250 per ton (12,000 BTU/hr)					
Water cooled chiller	\$50 per ton (12,000 BTU/hr)					
	Type	Size	IECC 2006 IPLV (kW/ton)	Hawaii Energy Premium Efficiency IPLV (kW/ton)		
	Reciprocating	All	0.70	0.60		
	Rotary Screw and Scroll	<150 tons	0.68	0.58		
		150 – 300 tons	0.63	0.54		
		> 300 tons	0.57	0.48		
	Centrifugal	<150 tons	0.67	0.57		
150 – 300 tons		0.60	0.51			
	> 300 tons	0.55	0.47			
IPLV (Integrated Part Load Value) must be 15% higher than IECC 2006						
VFD (Variable Freq Drive) controller for air handler	3 - 100 hp: \$50 per hp or for new construction 3-25 hp: \$50 per hp					
VFD controller for HVAC pump	3 - 100 hp: \$80 per hp or for new construction 3-25 hp: \$80 per hp					
VFD pool pump system	1 - 25 hp: \$80 per hp					
VFD domestic water pump system	\$3,000 plus \$80 per hp reduction for the system					
Solar water heating system	\$50 per 5,000 BTU derated capacity					
Customized incentives	Measure of Life	Reduction in Energy Use Incentive	Evening Peak Demand Incentive	Day Peak Demand Incentive (HVAC Only)		
	≤ 5 years	\$0.05/kWh	5 to 9 p.m.	12 to 2 p.m.		
	> 5 years	\$0.08/kWh	\$125/kW	\$100/kW		

TECHNOLOGY	INCENTIVES FOR RETROFIT
EC motor and controller for commercial refrigeration (Electronically Commutative)	\$85 per motor and controller set
CEE qualified premium efficient motor (Consortium for Energy Efficiency)	1 - 3 hp \$15.00 per hp 5 -10 hp \$10.00 per hp 15 - 25 hp \$8.00 per hp 30 hp \$7.00 per hp 40 - 450 hp \$6.00 per hp Visit www.CEE1.org for a listing of qualified premium efficient motors
ENERGY STAR® Refrigerator	\$50 when you trade up your old refrigerator for a new ENERGY STAR® model
Window film	\$1.00 per ft ² <i>Solar heat gain coefficient must be less than 0.435 or shading coefficient less than 0.5</i>
Cool Roof technology	20¢ per ft ² <i>Only for the roof areas over air-conditioned space</i>
Standard T8 lamp with electronic ballast	2' lamp \$5.00 per lamp 3' lamp \$6.00 per lamp 8' lamp \$7.50 per lamp
4' T12 to low wattage 25- or 28-watt T8 lamp with high performance electronic ballast	\$15.00 per lamp Visit www.CEE1.org for a listing of qualified high performance electronic ballasts
4' 32 watt T8 to low wattage 25- or 28-watt T8 lamp with high performance electronic ballast	\$7.50 per lamp
4' low wattage 25- or 28-watt T8 lamp with high performance electronic ballast	\$7.50 per lamp for new construction only
T8 De-Lamping with reflector	2', 3', 4' or 8' lamp \$15.00 per lamp
T8 De-Lamping without reflector	2', 3', 4' or 8' lamp \$7.50 per lamp
Occupancy sensor	\$20.00 per automatic infrared or automatic ultrasonic sensor
Compact Fluorescent Lamp (CFL)	\$2.50 per lamp or \$1.00 per lamp for new construction Lamps must be purchased from a commercial lighting distributor/supplier
Pulse-Start metal halide fixture	Less than 100 watt \$35.00 per fixture 100 to 200 watt \$50.00 per fixture Greater than 200 watt \$75.00 per fixture
Induction lighting fixture	Less than 100 watt \$25.00 per fixture 100 watt or greater \$75.00 per fixture
LED Exit sign	\$25.00 per Exit sign (not available for new construction)
LED vertical reach-in refrigerated case lamp	\$30.00 per 5-foot or 6-foot lamp
LED ENERGY STAR® approved lamp	\$5.00 per decorative lamp including A-19 shape \$17.50 per MR16, PAR20, PAR30 or PAR38 lamp
ENERGY STAR® approved dimmable LED lamp	\$7.50 per decorative lamp including A-19 shape \$20.00 per MR16, PAR20, PAR30 or PAR38 lamp LED lamp must be compatible with the dimming controller

SPECIFICALLY FOR LED TECHNOLOGIES NOT LISTED ABOVE

LED lamps & fixtures that are not ENERGY STAR® rated are handled by our customized incentive process to ensure persistence of energy savings and cost effectiveness.

Qualifications include but are not limited to:

- IES LM79 testing results are required for power, photometric, color temperature and power input vs. light output.
- IES LM80 testing results are required for lumen maintenance.
- UL listing is required for safety.
- 3-year warranty with a clear description of how defects are determined and replacements are handled.
- Acknowledgment that the lamps must be in place for 5 years. If replaced with higher wattage consumption technologies, the rebate must be refunded.
- Payback must be 6 months or longer.