



Energy Smart Design™ – Office Incentives for New Small Offices

Incentives*

Incentives for the Energy Smart Design™ – Office (ESD Office) Prescriptive Packages are structured to reduce the incremental cost of this package of measures, without requiring building energy performance modeling. ESD Office buildings will be more efficient and help build a better environment.

Eligibility

- ◆ The building must be served by a participating utility
- ◆ The building must be one of the following:
 - A new office building
 - An office addition to an existing building
 - A major office renovation, requiring changes in multiple end-uses, or where a permit is required
- ◆ The building must use one or more of the following HVAC system types for at least 70 percent of the conditioned space:
 - Roof-top variable-air-volume (VAV) with electric reheat
 - Roof-top VAV with a non-electric reheat
 - Packaged heat pump
 - Single zone equipment with non-electric heat
- ◆ The building must:
 - Be three stories or less
 - Be 100,000 square feet or less of conditioned area
 - Have 30 percent or less window to wall area ratio

Energy Smart Design™ – Office Packages

For each package all of the shaded items must be included in the new office building to qualify for the incentives.* Code takes precedence if it exceeds any of the components.

Description	Requirements	Package A	Package B	Package C
Incentives* (\$ per square foot)		\$0.50	\$0.25	\$0.25
Cooling system minimum efficiency level	CEE Tier 2 Specifications can be found at http://www.cee1.org/com/hecac/hecac-main.php3	✓	✓	
Effective window U-value	Fixed 0.35 Maximum Curtain wall 0.40 Maximum	✓	✓	
Window solar heat gain coefficient	0.30 Maximum	✓	✓	
Enhanced economizer, including dedicated thermostat stage, differential changeover with dry-bulb sensors, and low ambient outside air compressor lock-out	Required	✓	✓	
Integrated Design of HVAC System, including fan power and plug load reduction	Required	✓	✓	
Lighting Budget (whole building)	0.75 Watts/SF Maximum, while providing illuminance levels as recommended by IESNA	✓		✓
Lighting Controls	Occupancy sensors-install where lighting loads are over 100 watts and sensors are not required by code; emergency fixtures are exempt	✓		✓

*Available for eligible buildings built after October 1, 2007

ESD Office 2007-U03

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