



Energy Smart Design™ – Office Incentives for New Small Offices

Incentives*

The **50 cent per square foot** incentive for the Energy Smart Design™ – Office (ESD Office) Prescriptive Path is 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:
 1. Roof-top variable-air-volume (VAV) with electric reheat
 2. Roof-top VAV with a non-electric reheat
 3. Packaged heat pump
 4. 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

*Available for eligible buildings built after October 1, 2007

ESD Office 2007-U03

Energy Smart Design™ Sponsored by the Bonneville Power Administration

Energy Smart Design™ – Office Package

All of the following items must be included in the new office building to qualify for an incentive. * Code takes precedence if it exceeds any of these components.

Description	Requirements (Documentation)
Cooling system minimum efficiency	CEE Tier 2 Specifications can be found at http://www.cee1.org/com/hecac/hecac-main.php3 (Cut sheet indicating EER/SEER or IPLV ratings meeting CEE Tier 2)
Effective window U-value	Fixed 0.35 Maximum Curtain wall 0.40 Maximum (National Fenestration Rating Council (NFRC) rating or default U-value)
Window solar heat gain coefficient	0.30 Maximum (cut sheet)
Enhanced economizer, including dedicated thermostat stage, differential changeover with dry-bulb sensors, and low ambient outside air compressor lock-out	Required (commissioning report summary)
Integrated Design of HVAC System, including fan power and plug load reduction	Required (BPA supplied checklist)
Lighting Budget (whole building)	0.75 Watts/SF Maximum, while providing illuminance levels as recommended by IESNA (copy of code lighting budget form required for permit)
Lighting Controls	Occupancy sensors-install where lighting loads are over 100 watts and sensors are not required by code; emergency fixtures are exempt. (commissioning report summary)

Required documentation includes those items indicated in the table above, and a letter from a professional familiar with the project. Professionals can be a registered architect, licensed engineer or commissioning agent. The letter shall certify that all of the required items were installed and commissioned as specified.

For information about how to participate in Energy Smart Design™ – Office, contact

Springfield Utility Board
(541) 744-2264
www.subutil.com



*Available for eligible buildings built after October 1, 2007

ESD Office 2007-U03

Energy Smart Design™ Sponsored by the Bonneville Power Administration