

## Energy Mitigation Program Fees

### Residential Energy Efficiency Fees

Fees shall be assessed for new construction and additions of all detached one-and two-family dwellings and multiple single-family dwellings (townhouses) not more than 3 stories high with separate means of egress with conditioned space over 2,500 square feet in compliance with this section. Fees shall be applied only to new square footage, additions to structures built after January 21, 2010 shall be included as total square footage, and the fee structure shall apply. Refunds shall be distributed one (1) time upon issuance of a Certificate of Occupancy for the fees assessed for the gross square footage. Any upgrades made after certificate of occupancy are not eligible for a refund. Fees assessed for Non-essential Building Elements are not eligible for refund.

### Gross Square Footage

Buildings of 2,500 square or less shall meet the energy requirements of the International Residential Code. Fees for structures described above over 2,500 square feet of conditioned space shall be as follows:

Structures of 2,501 sq. ft. – 5,000 sq. ft. (Gross sq. ft. of conditioned space - 2,500 sq. ft.)	\$4.00/sq. ft.
Structures over 5,000 sq. ft. \$10,000 + (gross sq. ft. of conditioned space – 5,000 sq. ft.)	\$8.00/sq. ft.

### Non-essential Building Elements

The following fees shall be assessed for items deemed non-essential to the operation of the structure. Credits, as described below, are not applicable to these fees.

Solid fuel burning decorative devices	\$5,000 Exception: a single fireplace on the property
Decorative fuel gas burning appliance or any fuel gas decorative device	\$5,000 Exception: sealed combustion, direct vent fuel gas fireplace heater
Exterior fuel burning decorative device	\$1,000
Exterior heated hardscape	\$10.00 per sq. ft. e.g. driveways, walkways, and patios
Pools and spas	\$10.00 per sq. ft. Exception: manufactured units with less than 100 sq. ft. of surface area fitted with a tight fitting cover having a minimum R-value of 12
Ponds and water features with a pump	\$150.00 per hp. Min 1 hp.

\*Denotes referenced standards table in Chapter 6 of the IECC where the HERS, ASHRAE, and other relevant standards are clarified

## Home Energy Rating System (HERS) index square footage thresholds

Below 2500 sq. ft.	Minimum HERS score of 100	Meets 2006 IECC
2500-5000 sq. ft.	Minimum HERS score of 75	Exceeds 2006 IECC by 25%
Above 5000 sq. ft.	Minimum HERS score of 50	Exceeds 2006 IECC by 50%

Leadership in Energy and Environmental Design (LEED) – All projects using the LEED rating system must be registered with the US Green Building Council at time of plan submittal, and achieve a minimum of “certified” rating.

## Credits

Fees as described above may be offset by the installation of devices or systems installed on site to reduce the energy demands of the structure. Credits shall not exceed the fees assessed and shall be paid to the homeowner upon issuance of a Certificate of Occupancy. Fees assessed for Non-essential Building Elements are not refundable.

Photovoltaic solar electric system	\$5,000 Per kw
Solar hot water system	\$5,000
Ground source heat pump	\$5,000 with minimum coefficient of performance of 4 or greater
Super-insulated thermal envelope	\$8,000 R60 ceilings and R-28 walls
Average fenestration U-factor < 0.29	\$8,000
Approved passive solar design	\$8,000 e.g., south windows > north windows with properly sized roof overhangs to provide summer shading
Zone Ductless Primary Heating System	\$8000.00 e.g., hydronic floor heating
Whole house ventilation system utilizing Heat Recovery System(s)	\$1,500

## Commercial Energy Efficiency Fees

Fees shall be assessed for new construction and additions of residential, commercial and industrial buildings. Fees shall be applied only to new square footage, additions to structures built after January 21, 2010 shall be included as total square footage, and the fee structure shall apply. Refunds shall be distributed one (1) time upon issuance of a Certificate of Occupancy for the fees assessed for the gross square footage. Any upgrades made after certificate of occupancy are not eligible for a refund. Fees assessed for Non-essential Building Elements are not eligible for refund.

Exception: Single-family structures as regulated by the International Residential Code and R-2 Occupancies providing the R-value for the entire envelop of each individual unit meets the minimum building envelope requirements of Chapter 4 of the International Energy Conservation Code.

## **Gross Square Footage**

Buildings up to 10,000 sq. ft. shall meet the requirements of the International Energy Conservation Code or ASHRAE 90.1.2004. Fees for structures described over 10,000 sq. ft. of conditioned space shall be as follows.

Structures of 10,000 sq. ft. – 20,000 sq. ft. (gross sq. ft. of conditioned space – 10,000 sq. ft.)	\$4.00/sq. ft.
Structures over 20,000 sq. ft. \$10,000 + (gross sq. ft. of conditioned space – 10,000 sq. ft.)	\$8.00/sq. ft.

## **Non-Essential Building Elements**

The following fees shall be assessed for items deemed non-essential to the operation of the structure. Credits, as described below, are not applicable to these fees.

Solid fuel burning decorative devices	\$5,000 Exception: a single fireplace on the property with an opening < 6 sq. ft.
Fuel gas burning exterior decorative device	\$5,000
Exterior heated hardscape	\$10.00/sq. ft. e.g. driveways, walkways, and patios except where determined by the Building Official to be necessary for required egress and/or accessibility
Pools and spas	\$10.00 per sq. ft. including package units over 100 sq. ft. of surface area, not equipped with an evaporative cover on the water surface with an insulation value of R-12
Ponds and water features with a pump system	\$150 Per hp. Min 1 hp.

## **Credits**

Fees as described above may be offset by the installation of devices or systems installed on site to reduce the energy demands of the structure. Credits shall not exceed the fees assessed and shall be paid to the owner upon issuance of a Certificate of Occupancy. Fees assessed for Non-essential Building Elements are not eligible for refund.

Structures less than 20,000 sq. ft.

- a) The building shall be super insulated (R-60 ceilings, R-26 walls) and be equipped with high efficiency heating (90 AFUE) and cooling (13 SEER) systems and have a maximum glass-to-wall area of 40% or less; or
- b) Compliance, and certification, with LEED or ASHRAE's ADEG for small offices, with a 3<sup>rd</sup> party commissioning report of mechanical systems.

Structures 20,000 sq. ft. or greater

a) 14% more energy efficient than the current edition of ASHRAE 90.1. with a 3<sup>rd</sup> party commissioning report of mechanical systems.