



2010 - 2012

Designed for performance, the bottom line, and the environment... the well designed building is an elegant integration of sustainability and design.

Savings By Design, a program administered by California utilities, encourages high-performance, non-residential building design and construction, and offers a variety of solutions to building owners and design teams.

- **Owner Incentives** help offset the costs of energy efficient buildings;
- **Design Team Incentives** reward designers who meet ambitious energy efficiency targets;
- **Design Assistance** supports integration of innovative design technologies into new construction projects;
- **Energy Design Resources** offers analysis tools, training, and in-depth information on efficient technologies and strategies.

Savings By Design participants can save money by reducing operating costs, increase comfort, health, and productivity for building occupants, and conserve natural resources. Savings By Design also sponsors the EEIA Awards that recognizes successful professionals who embrace design and sustainability in developing projects.



Services

OWNER INCENTIVES

Owner Incentives encourage owners to invest in energy efficiency as a major goal in their new buildings. Financial incentives are available to owners when the efficiency of their new building exceeds the minimum Savings By Design threshold (10% better than Title 24).

DESIGN TEAM INCENTIVES

Design Team Incentives are available to design teams making the extra effort when integrating energy efficiency with exceptional design. The design team may qualify for incentives when the building design saves at least 10% and the owner agrees to participate in the programs. Other design team's incentives are available.

DESIGN ASSISTANCE

Design Assistance supports integration of innovative design technologies into new construction projects. Tailored to individual projects, design assistance is available free-of-charge to building owners and their design teams.

ENERGY DESIGN RESOURCES

Energy Design Resources (EDR) offers analysis tools, training, and in-depth information on efficient technologies and strategies to engineers, lighting designers, and developers. Visit www.energydesignresources.com for more details.

CONTACT SAVINGS BY DESIGN

To learn more about participating in the Savings By Design Program or the EEIA Awards, go to www.savingsbydesign.com. For detailed eligibility requirements, the Participant Handbook is also available online.

Two Approaches to High-Performance Buildings

Whole Building Approach

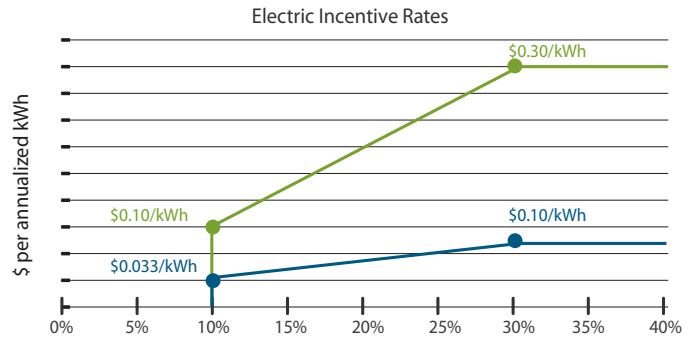
The Whole Building Approach is the preferred method of achieving energy savings within Savings By Design. Enabling the design team to consider integrated energy efficiency solutions that balance electric and gas use, may lead to buildings that offer:

- Greater occupant health, comfort, and productivity
- Reduced building and operating costs for the owner

In the Whole Building Approach, the estimated total annual energy savings for the building is calculated compared to the Title 24 minimum requirements. Using an approved computer tool, this analysis can be prepared by the design team, or by an energy consultant provided by the utility. Owner's Incentives are available for projects estimated to exceed Title 24 or standard practice baseline by at least 10% on a whole building performance basis. Owner Incentives range from \$0.10 - \$0.30 per annualized kWh savings, and \$1.00 per annualized therm savings as the design becomes more efficient.

Whole Building Incentives

- Owner Whole Building Incentives - up to \$500,000 (\$150,000 SMUD)**
- 10% Bonus for LEED/CHPS registration
 - 10% Bonus for end use monitoring
 - 10% Bonus for enhanced commissioning
- Design Team Whole Building Incentives - up to \$50,000**
Design Team Integrated Design Stipend - up to \$5,000



Savings Compared to Title 24

- Peak Demand Incentive Rates:** \$100/kW Owner \$33/kW Design Team
Therm Incentive Rate: \$1.00/therm Owner \$0.33/therm Design Team

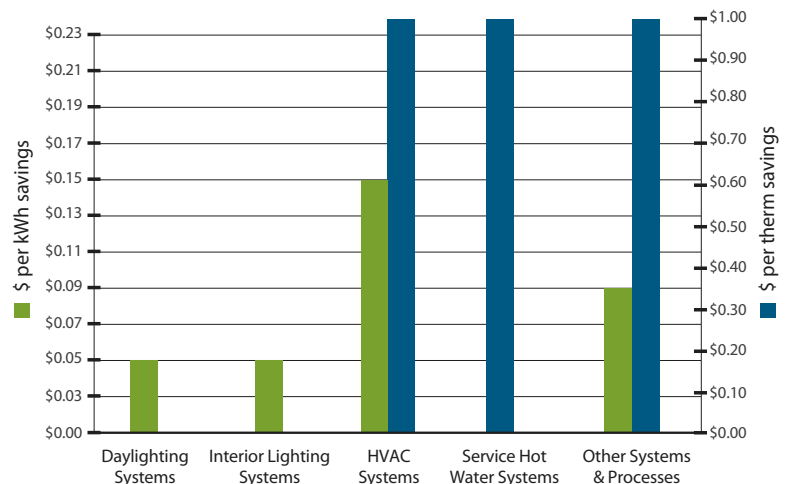
Systems Approach

The Systems Approach is a method of optimizing energy efficiency choices for less complex buildings. By considering building systems holistically rather than as a collection of components, the Systems Approach encourages greater energy efficiency by designing "whole" building systems, rather than individual equipment or fixtures.

Systems Approach Project Incentives are calculated using a flat incentive rate. Your Savings By Design representative can help you identify system options, quickly estimate the associated potential savings, and identify which systems qualify for generous incentives:

- Daylighting
- Interior Lighting
- Heating, Ventilation, and Air Conditioning
- Service Hot Water
- Other Systems and Processes

Systems Approach Incentives Chart



Note: Projects will also receive \$100 per peak KW saved for all measures, subject to all applicable caps.



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