What is Savings By Design?

- Savings By Design is an incentive program that pays owners to design and build a new space that exceeds Title 24 by 10% or more.
- New construction includes: new buildings (Whole Building Approach), and gut rehabs and tenant improvement projects (Systems Approach).

What is the difference between the Whole Building and Systems Approaches?

- **Whole Building:** projects that touch lighting, mechanical, and envelope. Design team incentives available in addition to the owner incentive.
  - (+) Comprehensive project yields more savings, higher incentives
  - (–) More documentation required, more parties to communicate with, longer timeline
- **Systems:** projects that touch lighting or mechanical or envelope. Design team incentives not available.
  - (+) Faster processing, less documentation than Whole Building
  - (–) Lower incentives

What are the incentive rates?

- **Whole Building:**
  - Owner Incentive: $150/peak kW, plus $1.00/thm, plus $0.10-0.40 cents/kWh depending on the % better than Title 24 (e.g. $0.10/kWh at 10%, $0.20/kWh at 20%, up to $0.40/kWh at 40+% above code)
  - Design Team (e.g. architect, contractor, etc) Incentive: equal to 1/3 of the Owner Incentive and is available in addition to the Owner Incentive
  - Incentive Cap: $150,000 for Owner Incentive; $50,000 for Design Team Incentive
- **Systems:**
  - Owner Incentive: $150/peak kW, plus $1.00/thm, plus $0.08/kWh for lighting and $0.15/kWh for HVAC
  - Design Team Incentive: not available
  - Incentive Cap: $150,000 for Owner Incentive

Key Takeaways:

- Apply if you are interested in designing an energy efficient building with integrated design.
- Get PG&E involved early. If the design is already complete, it’s too late!
- For more information, please visit:
  - [savingsbydesign.com](http://savingsbydesign.com) (official statewide SBD page)
  - [pge.com/savingsbydesign](http://pge.com/savingsbydesign) (PG&E’s new construction page)
  - [energydesignresources.com](http://energydesignresources.com) (SBD-backed page for design community)
  - [SBD Fact Sheet](#)
- Contact Julie Cassel (SBD Program Manager, 222-5439 or jicd@pge.com) for additional questions
What are the eligibility requirements?

- New construction, including gut rehabs and tenant improvements - no retrofits or replacements
- Must be at least 10% better than Title 24
- Must be in PG&E service territory
- Must show sufficient influence before onset of project

What is the ideal project size and phase?

- Over 30,000 square feet of new construction
- Designs not yet submitted for permit

Why should my customer go through the trouble?

- The costs of pursuing EE in new construction are generally far less than pursuing EE for retrofit
- The measures in an efficient building design generally increase the asset value of the building and pay for themselves over their lifespan
- Considering lighting, mechanical, and envelope together in a building design can lead to better performing buildings

What are some of the commonly installed measures?

- Envelope: high performance windows, roof/wall insulation, architectural shading
- HVAC: direct/indirect evaporative cooling
- Lighting: LED fixtures

What documentation is required?

- All mechanical and lighting plans and schedules
- Title 24 Report
- Incremental costs: Additional cost incurred to exceed T24 code
- (Whole Building only) All energy model input and output files from a CEC-approved tool
- (Whole Building only) Scope of Work briefly explaining the energy efficiency details

Want to apply for Savings By Design. Now what?

- Complete an application and send it to your PG&E Account Representative. If you do not have an assigned PG&E contact, send an email to savingsbydesign@pge.com.
- A kick off meeting will be scheduled to discuss the project