

PECO Ways To Save Commercial New Construction

BIA Philadelphia
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New Construction – Whole Building Incentives

Goals

- Encourage integrated energy-efficient designs
- Provide enhanced incentives to customers who holistically address energy performance

Eligibility

- Exceeds ASHRAE Standard 90.1_2013 by more than 5%:
 - Tiered structure incentivizes higher efficiency
 - Lower minimum savings threshold
- Represents one year of facility operation
- Eligibility verified by PECO inspection team

% Improvement Over Code	Incentive per kWh Saved
>5% to 10%	\$0.15
11% to 20%	\$0.16
21% to 30%	\$0.17

Note: Not eligible for prescriptive or custom incentives

Whole Building Design Incentive - *New*

Assists design teams in developing building energy models

Helps offset cost of modeling for customers

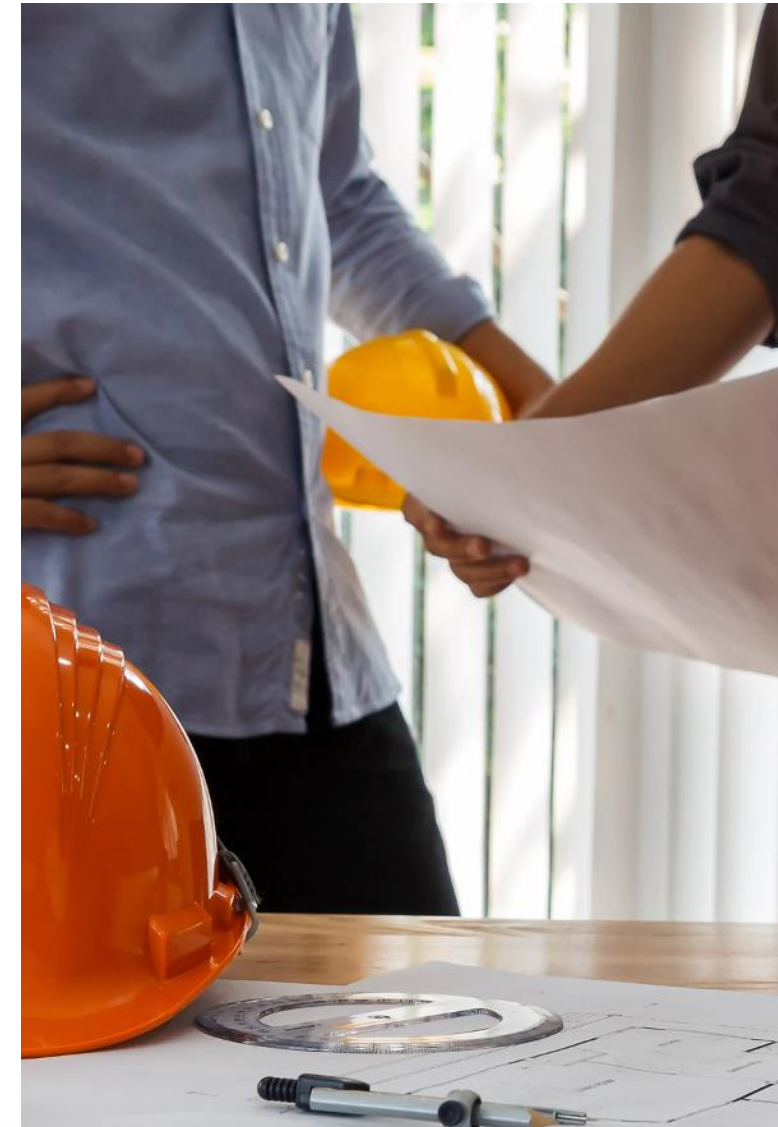
- Customer assigns incentive to design firm

Must be **at least 10% above code**

- ASHRAE 90.1-2013, Appendix G-compliant energy model

Subject to PECO Engineering team verification

Earn \$0.05/kWh of verified energy savings up to \$25,000



Project Example

- Project type: Prescriptive
- Customer type: Nonprofit
- Measure: New Construction, Whole Building
- Project:
 - Total Square Footage: 94,754
 - Energy Model: eQuest 3.65 Model
 - Energy savings: 21%–30% above code

New Construction – Whole Building	
Annual Energy Savings (kWh)	235,679
Annual Cost Savings	\$21,111
Customer Incentive	\$40,065
<i>Design Incentive</i>	\$11,784
Total Incentive	\$51,849

New Construction – Building Lighting

Interior Lighting: Lighting Power Density

- Compares total installed interior lighting wattage to code baseline
- Installed wattage must be at least 10% below ASHRAE 90.1 2013 space-by-space or building area method
- COMCHECK required
- \$ per kWh incentives based on LPD % improvement over code



In-Process or Look Back Projects

- If a project has been ***complete for 180 days or less***, submit a final application with all required documentation to be considered for program eligibility
- Projects that require M&V of electricity savings – such as custom projects, retrocommissioning and others – may not qualify for incentives if they are already complete

PECO Ways To Save



Bryan Munley
Energy Efficiency Account Manager

215-776-8545

bmunley@cmcenergy.com

PECOWaysToSave@dnv.com

866-371-9343