

Comprehensive New Construction BGE Energy Solutions for Business

To maximize the value of installing energy efficiency measures in your facility, it's best to start early—at the time of designing for construction or renovation. BGE's Energy Solutions for Business Program offers technical assistance and financial incentives to help commercial and industrial customers build energy efficiency into new construction and major renovation projects and get a fast return on your investment.

For new construction or renovation projects in their initial design phase, BGE's Comprehensive New Construction Program offers two design tracks for selecting high-efficiency electrical and mechanical equipment systems and building envelope measures, along with financial incentives to help you get the job done.

Two Design Tracks

Comprehensive Design Track

The Comprehensive Design Track is available for new construction or major renovation of an existing building that meets the following criteria. The project must:

- Have at least 75,000 square feet of air conditioned space.
- Include energy efficiency measures for the building envelope, interior lighting, and heating, ventilation and air conditioning (HVAC) systems.
- Include a projected minimum combined annual energy savings of at least 20% versus the base case design.
- Include interior lighting power density in the final design that is at least 10% more efficient than ASHRAE 90.1-2010.

Financial Incentives: For the Comprehensive Design Track, financial incentives can cover up to 90% of the incremental cost of installing the energy efficiency measures or to buy down the cost to a 1-year payback period, whichever is less.

Other incentives include funding for up to 50% of the building performance modeling study, limited to \$20,000 per project, and up to \$5,000 in design assistance.

Green Building Track

The Green Building Track offers developers and building owners technical assistance and financial incentives to help meet the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) requirements for green building.

Incentives are provided to motivate developers and building owners to go beyond the required LEED energy efficiency improvements and seek additional "Energy" and "Atmosphere" points by incorporating more electrical energy conservation measures, as opposed to using other non-energy-related methods for gaining certification. LEED prerequisites will not be eligible for incentives.

Financial Incentives: Incentives ranging from \$0.25 to \$0.40 per kilowatt-hour saved are available. Projects that incorporate enhanced commissioning services into the initial design are eligible for additional incentives up to 50% of the cost, limited to \$20,000 per project through our Technical Services Program, at BGE's discretion.

Other incentives include funding for up to 50% of the building performance modeling study, limited to \$20,000 per project, and up to \$5,000 in design assistance.

Eligibility

The Comprehensive New Construction Program is open to all nonresidential, commercial, industrial, government, institutional and nonprofit electric service customers within the BGE service territory that fall under rate schedules G, GS, GL, P or T.

New construction projects are defined as a new building, or space within a new building, where a licensed professional architect or engineer is preparing and certifying building plans. Major renovation projects also will be considered under this program. Major renovation projects are those for which a licensed professional architect or engineer is preparing and certifying building plans for the reconstruction of an existing space. The plans must incorporate either:

- A change of use and reconstruction of an existing building or space within,
- Construction work requiring the building, or space within it, be out of service for 30 consecutive days, or
- Reconstruction of a vacant structure or space.

Eligible projects will consist of five phases, all of which are the responsibility of the customer, the customer's design team and an approved BGE Technical Services Provider:

- Phase 1—Schematic Design
- Phase 2—Energy Modeling and Cost Budget
- Phase 3—Report Submission
- Phase 4—Construction
- Phase 5—Final Approval

Projects for buildings that are less than 75,000 square feet, are advanced in the design process or have accelerated design or building schedules are not eligible for this program. Projects falling under these three criteria should be submitted through BGE's Prescriptive and Custom program offerings.

Application Process

- All eligible projects must receive preapproval from BGE prior to design, purchase or installation of equipment. Participants must complete and submit a Comprehensive New Construction Incentives Application to BGE.
- Upon receiving the application, BGE will schedule a preliminary meeting with the customer to discuss the project. Based on this meeting and a potential project scoping meeting, the customer's design team and the BGE-approved Technical Services Provider will submit final reports and a New Construction Summary Saving Request to BGE for final review.
- Once the customer and the BGE program representative agree upon the energy-saving measures to be installed, BGE will send a preapproval letter along with the Minimum Required Document. The letter authorizes customers to purchase and install equipment identified in the report.
- BGE will schedule and perform a post-installation inspection of the equipment and determine a final rebate amount.
- BGE will provide the rebate to you in the form of a check.

Contact Us

Learn more about Energy Solutions for Business and all the energy- and money-saving opportunities available through the BGE Smart Energy Savers Program®.

Visit: **BGESmartEnergy.com**.

Email: **business@BGESmartEnergy.com**.

Call: **410.290.1202**.

This program supports the EmPOWER Maryland Energy Efficiency Act.
BGE-ESFB-NC-0119



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