



# Business New Construction Energy Design Assistance

## Plan for energy savings in your new building or renovation

The best time to consider energy-efficient options for equipment is in the earliest stages of designing the building. Our Energy Design Assistance program helps you include energy savings in the planning and design phase of your project. Equipment that goes beyond standard efficiency options is a worthwhile investment that leads to long-term savings on energy bills and operating costs. To encourage cost-effective investments in energy conservation, we offer a complete program of financial incentives and consulting to help you with new construction, additions or major renovation projects.

We offer rebates based on energy savings gained as a result of implementing equipment and systems that perform better than local code. The more energy you save, the more you can earn in incentive dollars and the more you'll save on future energy bills. Because this program takes a holistic, whole building approach to energy savings and incentives, participation in the Energy Design Assistance program will preclude customers from applying for other Xcel Energy rebate programs related to the project.

### Get comprehensive design assistance and cash incentives, save on energy bills

Our Energy Design Assistance offers three tracks of comprehensive consulting and design assistance: Basic, Express and Enhanced. The three tracks are based on building size, design stage, your willingness to implement suggestions, and your energy targets.

#### "Basic" Energy Design Assistance:

The Basic Track is for projects with enough time to integrate new ideas and strategies into their design as they merit economical benefits.

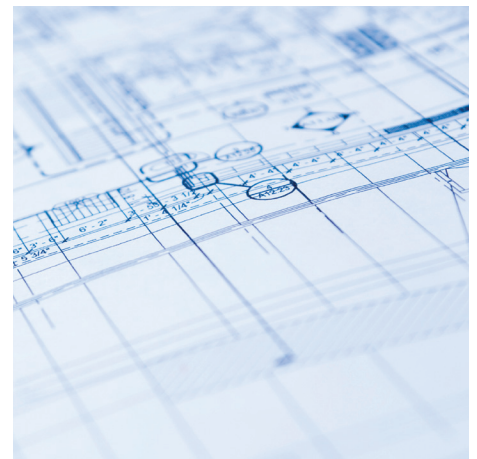
#### Qualifications for the Basic Track include:

- Xcel Energy electric or combo (electric and gas) business customer\*
- Project size is more than 50,000 square feet
- Project status is in Schematic or Early Design phase
- Willing to consider design options to influence energy savings
- Commitment to achieve 15% minimum electric and gas savings

\*Excluding natural gas transport customers and gas-only customers

#### Participants in the Basic Track:

- Receive comprehensive energy modeling to help inform your design (an average value of \$30,000)
- Earn cash rebates for electricity demand reductions of \$400 per kW and \$0.04 cents per kWh (Projects with a kickoff meeting between 1/1/17 and 12/31/2018 can receive \$450 per kW)
- Earn rebates for gas savings of \$4 per dekatherm
- Design teams receive reimbursement of design fees up to \$12,000



#### We'll help with Green Building Certifications

For instance, if you're considering obtaining Leadership in Energy and Environmental Design (LEED®) certification from the U.S. Green Building Council, Energy Design Assistance can help. We offer free calculation of energy points for LEED-registered building projects, saving you time and money in the certification process.

Learn more about LEED at  
[usgbc.org](http://usgbc.org).

### “Express” Energy Design Assistance

The intent of the Express Track is to create a cost-effective analysis process for projects that fit the following criteria:

- Are a common building type
- kWh savings is estimated to be less than three times the total building square footage

The Express analysis draws on results from the energy consultant’s previous modeling experience of similar building types and systems to eliminate the Preliminary Energy Analysis (PEA) hourly building simulations of the actual project. Projects recommended for the Express Track will be considered on a case by case basis.

### “Enhanced” Energy Design Assistance

The Enhanced Track is ideal for projects with extensive energy savings goals looking to meet green certification whether that be Leadership in Energy and Environmental Design (LEED), ENERGY STAR®, or other third-party verified green building certifications.

#### Qualifications for the enhanced track include:

- Project status is in Pre-Design or Early Schematic Design phase
- Commitment to achieve 30% minimum electric savings and 15% minimum gas savings
- Willing to look outside traditional approaches to energy savings

#### Services for the enhanced track include:

- Additional modeling such as daylighting analysis, massing/orientation analysis, HVAC analysis and lighting analysis
- Calculation for LEED Energy and Atmosphere Credit 1 (or support of other green certification)

### Computer modeling forecasts your building’s energy performance

This comprehensive approach to energy savings includes personalized computer energy modeling for your planned building. The modeling calculates energy use, suggests energy-saving strategies and projects energy-cost savings.

Our follow-up services help ensure that selected strategies are installed to save on energy bills. Recommended strategies also qualify for our cash incentives, which decrease your out-of-pocket cost and improve your return on investment.

### Energy Design Assistance: How does it work?

Energy Design Assistance helps you explore and evaluate all kinds of energy-related “what-ifs” for your facility. What if, for example, you use more insulation than code requires? Would better windows make a difference? Are there alternatives to rooftop units? What kind of savings will you see? Is it worth it?

Our consultants will work with you and your design team, and it won’t add time to your schedule. Our computer modeling will show you how these energy-saving options might work together in your facility—before you’ve committed resources.

### Why take the time for energy efficiency?

The up-front investment you make to create a high energy-performance building will pay dividends over the long term, increasing your economic, health and environmental benefits.

#### Economy

- Customized energy-design consulting expertise helps you build in energy efficiency
- Computer energy modeling specific to your planned building forecasts energy use and finds efficiency improvements—a value that averages about \$30,000
- Design team reimbursements up to \$12,000
- LEED assistance for Energy and Atmosphere Credit 1
- Building for efficiency helps optimize your building’s life-cycle economic performance

#### Health and the Environment

- Better inside air quality boosts employee productivity and satisfaction
- Improved overall air and water quality
- Conserves natural resources and lowers environmental impact

**Don’t miss out on thousands of dollars in energy savings of a high-performance facility. Call before you begin.**

Don’t wait until your project is too far along to take advantage of Energy Design Assistance. Call your Xcel Energy account manager or email the BNC mailbox at **BusinessNewConstruction@xcelenergy.com** for everything you need to get started.