Energy Design Assistance – Enhanced

Xcel Energy’s Energy Design Assistance – Enhanced program (“EDA – Enhanced program”) is designed for high-performance building projects or projects participating in a third-party green building certification program, such as LEED or Minnesota’s B3. EDA-Enhanced participants must enroll in the program early in the planning and design stages and must be willing to look outside traditional approaches to achieve savings goals.

**Enhanced track requirements**

- **Square footage**: Greater than 50,000 (including new construction, major renovation or additions)
- **Application submittal timing**: Pre-design or early schematic design phase
- **Savings commitment**: 30% energy demand (kW) savings
- **Proof of registration with a third party verified green building certification, such as United States Green Building Council’s Leadership in Energy and Environmental Design (LEED) and Minnesota B3 requirements**
- **Additional modeling reviews including massing, daylighting and early HVAC analysis**

*The standard incentive for EDA projects is $400/kW, $0.04/kWh and $5/Dth. Projects that do not reach the kW savings threshold of 30% will be subject to an incentive reduction, of up to $100/kW, to offset the cost of the additional upfront energy modeling. Additionally, further analysis supporting the green building certification will be discontinued.*

Xcel Energy will also assist EDA-Enhanced participants with green building certification programs, as follows:

**EDA - Enhanced Services include**

All EDA-Standard services, plus early energy modeling analyses to begin outlining energy goals in preliminary designs. Early energy modeling may include any of the following:

- **Massing analysis**: Create and compare alternative massing and orientation to maximize daylighting and energy efficiency options.
- **Daylighting analysis**: Create and compare alternate window size and placement for daylight harvesting and sun shading options.
- **HVAC analysis**: Create and compare alternative HVAC system types and zoning options to maximize energy efficiency.

EDA - Enhanced also provides a review of final construction documents to verify planned energy strategies are included, and supports the development of documentation needed for the green building certification as noted below.

**LEED**

1. Additional energy modeling for LEED baseline requirements
2. Partial documentation for Energy and Atmosphere Prerequisite 2:
   a) Xcel Energy will complete the portion of the documentation related to energy performance
   b) Customer’s architect and/or engineer of record (“design team”) will be responsible for the mandatory provisions in the final submission
3. Documentation for Energy and Atmosphere Credit 1 for either:
   a) the LEED design, or
   b) construction submittal, and
   c) the preparation of responses to the Green Building Certification Institute (“GBCI”) during preliminary and final review

Please note that customer’s design team will receive a letter from Xcel Energy’s EDA program consultant detailing the steps for this requirement after the initial strategy meeting.

**Minnesota Sustainable Buildings 2030 program**

1. Enter building simulations outputs for energy usage into tracker at schematic design
2. Update energy outputs and tracker website as necessary through the construction document stage
3. Provide supporting documentation to verify energy analysis as defined by SB 2030 model verification requirements
4. Provide supporting documentation for variance submittals if applicable

**Additional information**

Please note that without the prior written consent of Xcel Energy and their EDA program consultant, costs for activities outside the approved scope of the EDA program are the responsibility of the customer and/or design team.

**Questions?**

Contact your account manager or an energy efficiency specialist at 855.839.8862.