

## NEW CONSTRUCTION DESIGN ASSISTANCE

- ENERGY EFFICIENCY
- INDUSTRIAL SERVICES
- RENEWABLE ENERGY
- FOCUS ON ENERGY

A construction project is the ideal time to design and build for energy efficiency, peak load reduction, improved systems performance and greater comfort. The New Construction Design Assistance program assists prospective building owners and developers, design professionals and construction contractors in delivering high-performance buildings that will achieve these benefits.

Through this program, we will provide design assistance to improve the energy efficiency of non-residential new construction projects.

### OVERVIEW

The New Construction Design Assistance program seeks to capture synergistic energy savings by encouraging the design and construction of buildings as integrated systems. Opportunities for energy savings will be identified by simulating incremental efficiency improvements in lighting, HVAC and other building systems.

### AVAILABLE SERVICES AND INCENTIVES

Financial incentives may be provided to owners of accepted projects; these incentives are intended to overcome barriers that would otherwise prevent the installation of efficiency measures.

Technical assistance services and design incentives can also be provided to design team members to help offset the cost of advanced designs. Services may include facilitation in the design process, reviewing plans and construction documents, assisting with research and product selections, modeling energy saving options, and verifying installation and operation of measures.

Prescriptive financial incentives may be available for individual technology upgrades. Focus on Energy programs are open to Wisconsin customers only. For projects located in Iowa and Michigan, cash incentives will be available through us.



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### HOW TO GET STARTED

Contact us to identify potential projects and complete the application and supporting documents.

■ ENERGY EFFICIENCY

ELIGIBILITY

- Open to all non-residential electric customers of our utility that are planning for new buildings, additions, multi-family residential new buildings or major “gut” renovations that meet state energy code.
- This program is also open to education, manufacturing, municipal buildings, institutional buildings, retail, owner-occupied offices and owners interested in LEED certification.
- Projects should have their site approvals and financing in place and should be ready for the design phase — the earlier the better.



TERMS AND CONDITIONS

- If your project meets eligibility requirements, you must submit an *Application to Participate* to request participation in the program. Requests to participate are evaluated by WPPI Energy on a case-by-case basis. Building size, project type, design phase and project opportunities will guide the selection of participants.
- Prospective participants are encouraged to apply early in the design phase to earn the highest potential incentive.
- A project must enter the program during the design process, or must be willing to upgrade the energy-saving measures beyond current efficiency levels.
- All financial incentives must be pre-approved by WPPI Energy. Projects that have or will receive funding from other energy efficiency programs available to businesses will be reviewed on a case-by-case basis for funding from this program.
- Projects will not be accepted if the energy-saving measures have already been purchased or installed.

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## OTHER PROGRAMS FOR CONSTRUCTION PROJECTS

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Other programs are available to assist existing commercial, state government, multi-family and industrial customers in purchasing and installing energy-efficient equipment. If your construction project is not eligible for the New Construction Design Assistance program, or if your project involves an existing building, you may qualify for financial incentives from these programs.

## PROGRAM APPROACHES

**Targeted education, information and outreach.** Information on integrated design practices and its energy-saving benefits will be provided directly to participants through the program. Presentations will describe the opportunities for — and benefits of — incorporating energy-efficient design strategies into new building construction. Target audiences include community governing bodies, owners, developers and architectural and engineering professionals.

**Technical assistance during the building design process.** Facilitation services will be provided early in the design process, helping owners and design teams to identify and select energy-saving and demand-reduction measures and strategies to incorporate into the construction project. Activities may include participation in design meetings, providing energy saving ideas and design strategies, estimating financial incentives, reviewing plans and construction documents, identifying LEED compliance strategies, and assisting the design team and owners with research and product selections. Projects receive the greatest benefit if design assistance is started in the schematic design phase or earlier.

**Building energy modeling.** The program can provide detailed analysis of high-performance building design, showing the impact on a building's energy usage as it relates to changes in the architectural design, orientation, floor plan layout, building envelope construction, HVAC systems and equipment, and lighting. Energy simulation may involve a single technology, an end-use system or a whole-building integrated design analysis. Results from the energy simulation may be used by WPPI Energy to calculate financial incentives. Varying levels of analysis and simulation will be provided as appropriate by project, and incentives will be available for those design firms capable of doing their own modeling.

If your construction project is not eligible for the New Construction Design Assistance program, or if your project involves an existing building, you may qualify for other financial incentives and technical assistance.