



Empowering you to make smart energy choices

ENERGY MODELING PARTNERS

Overview

Eversource and United Illuminating (UI) want commercial and industrial customers to maximize their energy savings. Design teams, energy modelers and the energy efficiency market all play critical roles in helping us to achieve this important goal.

Through the New Construction program, your company can become an energy modeling partner. This is an opportunity for customers to receive comprehensive support — including technical assistance — from Eversource and UI on incorporating energy efficiency into new construction and major renovation projects.

Project Eligibility Guidelines

Eligible projects include commercial and industrial facilities that are:

- New buildings
- Undergoing a major renovation
- Additions
- Tenant fit-outs

Energy models may be completed for projects that:

- Have at least 30,000 square feet of conditioned area
- Are in the pre-design, schematic design or design development phase

In addition, projects must demonstrate at least a 10% energy reduction below the designated program baseline and complete the energy model using the Whole Building Performance Modeling Guidelines.

Customers will choose the company to complete the energy model for their project.

Incentive Details

Eversource and UI will use the Whole Building Performance incentive structure for eligible projects. Design teams and energy modelers can earn incentives by taking part in design charrettes to discuss energy efficiency opportunities, early energy modeling, energy-efficient designs and completion of energy models.

Energy modeling partners are expected to:

- Attend design charrettes with customers and design teams
- Develop scopes of work for energy modeling services
- Evaluate building designs for energy usage
- Assess cost-effective, energy-efficient options
- Submit energy modeling reports per program requirements

Building owners may also take advantage of financial incentives to offset incremental costs of energy efficiency equipment.



Qualifications to Become an Energy Modeling Partner

- 5+ years of experience with new construction and major renovation energy efficiency projects
- 5+ years of experience with energy modeling

Submission Requirements

Note: If any subcontractors will be used, please include the equivalent information for that firm.

- Two-page energy modeling partner application and checklist
- Company description (years of experience, size, history, services offered, Connecticut counties served)
- Organizational chart indicating staff completing energy models and working with building owners and design teams
- Résumés of staff on the organizational chart, including background and years of experience with energy modeling and energy efficiency projects; include relevant credentials and licenses (e.g., CEM, LEED, BEMP, RA, PE)
- Examples of two projects that had an energy model completed by your company within the past two years and that were approved by a third party; provide details such as energy modeling software or other tools used, energy efficiency measures and building location/type/size and energy savings
- Expertise within certain building sectors (e.g., healthcare, K-12 schools, hospitality)
- Experience with zero-net energy (ZNE) or net-zero ready buildings, including details of ZNE or net-zero ready projects your company has been involved with over the last two years
- Demonstrated knowledge of energy efficiency opportunities for commercial and industrial customers
- Two customer references for which an energy model was completed within the last two years

Next Steps

What happens if your application is approved? First, your company will be placed on a provisional list until you complete three energy models for projects utilizing the New Construction program that receive Eversource or UI approval. After assessing compliance with program rules and requirements, Eversource or UI will decide whether to add your company to the energy modeling partner list.

Companies on the energy modeling partner list:

- Are required to attend an Eversource- and UI-approved training session(s)
- May be limited to five projects in the queue at a time, at the discretion of Eversource and UI
- Are encouraged to bring three projects per year to participate in the New Construction program

After your company completes three more energy models for projects utilizing the New Construction program, Eversource and UI will again assess compliance with program rules and requirements to determine continued placement on the energy modeling partner list. Eversource and UI retain the right to remove any company from the list that does not comply with rules and requirements.

Questions? Ready to submit an application?

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