

# Energy Conscious Blueprint Design Grants and Technical Assistance

The United Illuminating Company (UI)

## Design Grants and Technical Assistance

### TECHNICAL ASSISTANCE

Energy Conscious Blueprint offers the appropriate levels of assistance to your project on a case-by-case basis.

### DESIGN GRANTS

Grants are available to assist architects and engineers with the additional cost of modeling, analysis, actual design, and compliance of energy - efficient building options. Design Teams may receive a design grant when participating in either the prescriptive design or the comprehensive integrated design paths of Energy Conscious Blueprint.

### COMPREHENSIVE INTEGRATED DESIGN PATH

#### INTEGRATED DESIGN GRANTS

Integrated implies a focus on the whole, and for building design this means the interaction among building systems, and integrating the manner of design and operation relating to their environment, layout, use, and control. The approach is about the interactive workings of the components of the whole to be efficient, rather than uncoordinated design choices of nominally efficient parts. Therefore, integrated design grants provide funding to specifically offset the added costs of designing a high performing integrated building design. The concept behind the integrated approach is to encourage building designs that significantly exceed today's efficiency standard by viewing the building as one total operating system. Incentive values are based on the building's square footage and the amount that the design exceeds the State of Connecticut Energy Code (ASHRAE 90.1-2001 with addenda). Modeling the building's performance is essential for high performance integrated designs. Please consult your UI Representative for further details.

Integrated Design Grants are only available for projects which are comprehensive, new construction. The total design grant amount, up to a maximum of \$40,000, will be calculated based on the following schedule:

EXCEED CODE BY	INTEGRATED GRANT VALUE (\$/sq ft)
Less than 5 %	\$0.00
05% - 15%	\$0.05
16% - 40%	\$0.15 - \$0.40
Greater than 40%	\$0.40 capped

**APPROVAL & AGREEMENT:** The designer, project owner, and UI will enter into a design grant agreement, which includes the amount of the grant and the scope of the design? The grant will be paid to the designer upon successful completion of the analysis and the start of construction.

## PRESCRIPTIVE DESIGN PATH

### PRESCRIPTIVE DESIGN GRANTS

Provide funding for certain design alternative options, "blueprint takeoffs," material and equipment lists, and all information necessary to process and determine the appropriate incentives. The prescriptive design grants are either comprehensive or non comprehensive. Comprehensive grants are for designs that address the entire facility, typically new construction. Non-comprehensive grants are for designs that address individual systems or partial designs, typically renovation projects. The design grant amounts are determined by using a dollar amount per square foot incentive formula (for most facility types).

For projects that are comprehensive, the total design grant amount will be calculated based on the following schedule:

BUILDING SIZE	PRESCRIPTIVE DESIGN GRANT
1st 50,000 sq. ft.	\$0.06 / sq. ft.
2nd 50,000 sq. ft.	\$0.04 / sq. ft.
All remaining sq. ft.	\$0.025 / sq. ft.

For projects that are not comprehensive, the total design grant amount will be pro-rated based on the actual measures included in the project analysis.

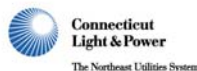
The pro-rated schedule is as follows:

#### MEASURE PRO-RATED VALUE

Lighting 50%  
Envelope 10%  
HVAC Equipment 15%  
HVAC Systems 20%  
Motors 5%

**APPROVAL & AGREEMENT:** The designer, project owner, and UI will enter into a design grant agreement, which includes the amount of the grant and the scope of the design? The grant will be paid to the designer upon successful completion of the analysis and the start of construction.

For the latest information, please contact the Representative at your local UI office, call 1-877-WISE USE (877.947.3873) or visit our website [www.uinet.com](http://www.uinet.com).



Connecticut's Energy Efficiency Programs are funded by the Conservation Charge on customer electric bills. The Programs are designed to help customers manage their energy usage and cost.