

ENERGY CONSCIOUS BLUEPRINT

PRESCRIPTIVE DESIGN GRANT - AGREEMENT

This Agreement, as dated below (the Effective Date) is entered into between The United Illuminating Company (UI) and

_____ (“Customer”) pertaining to the building to be constructed or reconstructed at

_____ (the “Facility”), **ECB Project #** _____, and analyzed by

_____ (“Design Professional”).

BASIC UNDERSTANDINGS

UI has a conservation program called Energy Conscious Blueprint which offers to pay incentives (“Prescriptive Design Grants”) to certain design professionals for energy efficient analysis and information gathering in the design of a building construction or renovation project for a client of the Design Professional who is a customer of UI (“Design Professional” is defined as a licensed or certified Architect, Engineer, or Energy Professional who is actively involved with the actual design work for the customer). This Agreement provides the terms for payment of Prescriptive Design Grants by UI to the Design Professional, under the Energy Conscious Blueprint program for the design analysis and information gathering in connection with the Design Professional’s work for the Customer pertaining to the construction or reconstruction of the Facility.

1. DESIGN GRANT INCENTIVE PAYMENTS

(a) UI will pay the Design Professional for the design analysis and information gathering that the Design Professional performs on the Facility according to the specifications outlined in Schedule B and according to plans reviewed and approved by UI in advance of construction and in accordance with Paragraph 3 below. The amount of the Prescriptive Design Grant Incentive will be as set forth on the attached Prescriptive Design Grant Incentive Worksheet (“Prescriptive Design Grant Incentive Amount”). UI will pay the Prescriptive Design Grant Incentive amount by check in accordance with Paragraph 2 below.

(b) A Prescriptive Design Grant incentive amount may be adjusted in accordance with Paragraph 11 and Paragraph 12, if applicable of the Energy Conscious Blueprint Standard Agreement.

2. DESIGN GRANT PAYMENT DATE

UI will pay the Prescriptive Design Grant Incentive amount to the Design Professional within sixty (60) days after the following conditions are met (1) Construction or reconstruction of the Facility has begun; and (2) UI has received satisfactory documentation on the measures included in Schedule B.

3. ANALYSIS REQUIREMENTS & SPECIFICATIONS REVIEW

Customer and Design Professional will work with UI to determine appropriate energy efficient measures prior to the performance of the energy design analysis and information gathering associated with this Design Grant. The Customer and Design Professional will provide UI with a copy of the Facility plans and specifications for review and approval. Such Specifications must include plans for the incorporation of the energy efficient measures. UI may refuse to approve the plans and specifications if they do not adequately provide for the incorporation of Energy Conscious Blueprint Measures or any other specific analysis/modeling requirements included in Schedule B.

4. VERIFICATION OF ANALYSIS

UI shall not be obligated to pay any Prescriptive Design Grant Incentive Amount unless UI is satisfied that the analysis performed by the Design Professional was completed in accordance with the requirements set forth in Schedule B.

5. CANCELLATION

The Design Professional may cancel this Agreement at any time. If the Design Professional is not engaged in a continuous effort of design analysis for the Facility by the end of one (1) year from the date of this Agreement is signed, UI may cancel this Agreement without notification.

6. LIMITATION OF LIABILITY

(a) The Design Professional shall not be liable to UI for any damages under this Agreement other than for reimbursement of amounts paid by UI in excess of a Prescriptive Design Grant Incentive Amount owed by UI to the Design professional.

(b) UI’s liability under this Agreement shall be limited to paying the incentives specified herein. In no case shall UI be liable to Customer and/or Design Professional for any consequential or incidental damages.

(c) UI shall not be liable to Customer and/or Design Professional for any damages in contract or tort (including negligence) caused by any activities at, or in connection with, the design or reconstruction of the Facility, including without limitation the actions or omissions of any employee, agent, contractor or subcontractor of UI.

7. NO WARRANTIES

(a) Customer and Design Professional acknowledge and agree that neither UI nor any of UI’s employees, agents or consultants are responsible for assuring that the design, analysis, engineering, and construction or reconstruction of the Facility or installation of any or all of the Individual Measures, as defined in the Energy Conscious Blueprint Standard Agreement between UI and the Customer, is proper or complies with any particular laws, codes, or industry standards, including without limitation, the State of CT Energy Code, current standards published or otherwise recognized by ASHRAE, the State of CT, or any other governmental agency or entity.

(b) Customer and Design Professional understand and agree that the UI does not represent, warrant, or guarantee that the results of any design analysis and /or modeling performed pursuant to this Agreement, or installation of any or all of the Individual Measures, as defined in the Energy Conscious Blueprint Standard Agreement between UI and the Customer will result in any level of energy savings or result in any measurable energy related benefit.

8. MISCELLANEOUS

(a) The parties understand and agree that nothing in this Agreement is intended to create or give rise to any employment or agency relationship between UI and the Design Professional and that the Design Professional will perform all of its work and obligations hereunder as an independent contractor to UI.

(b) This Agreement is the entire agreement between the parties and supersedes all other communications and representations, other than any Energy Conscious Blueprint Standard Agreement entered into between the parties in conjunction with this Agreement.

(c) If any party desires to modify this Agreement, the modification must be in writing and signed by an authorized representative of either party in order for the modification to be enforceable against that party.

(d) This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective heirs, executors, personal representatives, successors and assigns.

In order to evidence its agreement to the above terms, each party has signed or caused an authorized representative to sign this Agreement on the date(s) specified below.

UNITED ILLUMINATING

By: _____

Title: _____ Date: _____

CUSTOMER

By: _____

Title: _____ Date: _____

DESIGN PROFESSIONAL

By: _____

Title: _____ Date: _____

Address: _____

City/Town: _____ Zip: _____

Federal Tax I.D. #: _____

ENERGY CONSCIOUS BLUEPRINT

PRESCRIPTIVE DESIGN GRANT SPECIFICATION – Schedule B

The information checked below defines the information requirements for this Prescriptive Design Grant. This information is required for the base design and for the proposed energy-efficient design at the Facility. ASHRAE Compliance forms can also be submitted. The differential cost of each measure as compared to the base design must be included where appropriate. The incremental costs must be separated into the first cost and the annual O&M cost components. Any other specific requirements may be attached to each document if necessary. Ask your Energy Conscious Blueprint Representative for an example packet of submittal information.

LIGHTING SYSTEMS & EQUIPMENT – Interior Only

- Lighting Load Summary Sheet – Building or Area Type, SF, Fixture Count, Type & Wattage
- Provide descriptions of Lighting Controls with fixtures and controlled areas
- Provide Manufacturer's Cut Sheets for All Lighting Fixtures
- Day lighting Equipment and Controls

ENVELOPE SYSTEM – Electric Space Conditioned Areas Only

- Envelope Summary Sheet
- Manufacturer's Cut/Spec Sheet for Envelope Components
- Construction details
- Modeling results from ASHRAE EnvStd, COMcheck, DOE 2 or UI-approved software (electronically submitted).

HEATING EQUIPMENT – All Fuels

- Heating Equipment Summary Sheet
- Provide Manufacturer's Cut Sheets for all Heating Equipment

MOTORS – (1 HP & Larger) & Variable Speed Drives

- Premium Motor Summary Sheet
- Variable-Speed Drives Summary Sheet
- Manufacturer's Cut Sheets for All Motors and Drives

HVAC SYSTEM – Electric Only

- HVAC Equipment Summary Sheet
- Provide Manufacturer's Cut Sheets for all HVAC Equipment
- System Description – VAV, Central, Rooftop, Through-the-Wall, Dual-Path Ventilation and Energy Recovery

OTHER ENERGY MEASURES – Electricity Only

- Engineered Calculation of Annual kW and kWh Saved
- Estimated Incremental Cost of Measure
- Manufacturer's Cut/Spec/Submittal Sheet for Each Equipment Type
- Renewable Energy Source Equipment Type and Specifications

ADDITIONAL REQUIREMENTS

- When energy modeling is used, operating and occupancy schedules of all equipment and spaces are required.
- When energy modeling is used, the descriptions of all systems and their controls are required.
- When energy modeling is used, all other requirements of ASHRAE 90.1-2001 Appendix G are required.
- When energy modeling is used, provide energy analysis for innovative design/control approach for all affected systems.

PRESCRIPTIVE DESIGN GRANT SPECIFICATION – Worksheet

BEGIN HERE: Calculate your Prescriptive Design Grant by writing the project's square footage in the appropriate areas. Multiply the square footage entered by the dollar amount beside it, and enter the result in the box on the right. Total the square footage (a) and dollar amount (b) in the boxes below each column.

Amount of Project Square Footage 50,000 or less = _____ X \$0.0600 = \$ _____

Amount of Project Square Footage more than 50,000 and less than 100,000 = _____ X \$0.0400 = \$ _____

Amount of Project Square Footage above 50,000 = _____ X \$0.0250 = \$ _____

Total Project Square Footage = _____ (a) \$ _____ (b)

CONTINUE HERE: Identify the areas of the project that will meet or exceeds the Energy Conscious Blueprint Standard. Circle "YES" or "NO" for each area, and then add up all of the values corresponding to "YES" choice. Enter the total percentage in the space below (c)

PROJECT AREAS PARTICIPATING IN ENERGY CONSCIOUS BLUEPRINT

Lighting	Yes	No	50%	Cooling System	Yes	No	15%
Envelope	Yes	No	10%	Motors	Yes	No	5%
Cooling Equipment	Yes	No	20%	Total Participation Percentage Applicable = _____ (c)			

To determine the Total Prescriptive Design Grant Amount, multiply the Total Participation percentage by the project's total square footage dollar amount:

_____ (c) X \$ _____ (b) = \$ _____

TOTAL DESIGN GRANT = \$ _____ (d)



Connecticut Energy Efficiency Programs are funded by the Conservation charge on customer bills. The Programs are designed to help customers manage energy usage and costs.

