



# MAJOR RENOVATIONS PILOT PROGRAM

As a participant in the Cape Light Compact's pilot program for Major Renovations, your project is eligible for financial incentives and other benefits, as outlined below:

## Technical Support

- An initial project assessment to identify upgrade opportunities.
- Specifications, details, and options as needed, to implement the upgrades.
- Onsite inspections to meet with insulation and HVAC contractors during key phases of the construction process. This may include thermal inspections, blower door testing and duct leakage testing, as needed, to ensure the project meets the efficiency goals.



The technical support package details specific to your project are included in the attached Requirements and Recommendations document.

## Financial Incentives

- Incentives for thermal shell upgrades include 75% of the cost of weatherization and envelope upgrades to the existing building, plus 15% of the cost of "beyond code" envelope upgrades to the newly renovated sections and/or additions. The envelope upgrade incentives are capped at \$2000
- Additional rebates for ENERGY STAR® qualified windows (in 2009 only)
- Additional rebates for high efficiency heating and DHW equipment (in both 2009 and 2010)

## Compact Fluorescent Lighting

The Cape Light Compact will supply a wide range of screw-in compact fluorescent lamps, for appropriate fixtures.

## One-Stop Shopping

The program will identify all eligible rebates and incentives for the project and provide any forms. Please refer to the attached sheet for available rebates and requirements for each.

## Mandatory Project Requirements

To qualify for the incentives and benefits, the project must meet the following conditions:

- All existing areas of the home must meet the CODE-Plus requirements as detailed on the back in the recommendations and requirements section
- All new construction areas of the project must meet the ENERGY STAR Homes Builder Option Package (BOP) requirements (attached), plus the specifications detailed on the back
- All mandatory inspections must be scheduled and completed as outlined on the back.
- Completed invoice documenting the thermal envelope work completed on the existing and new/renovated areas

# Recommendations and Requirements

Listed below are the recommendations and requirements specific to your project's participation in the Cape Light Compact's pilot program. These are the minimum required levels. In addition we have listed some options you may want to consider. These options are not required by the program but based on our experience are highly recommended to increase comfort and efficiency.

## Existing Areas

- Exterior Walls – Install a dense pack cellulose insulation in all empty wall cavities.
- Flat attic ceilings – Seal all air leakage locations including all accessible top plates. Install loose blown insulation to achieve an R-38 minimum
- Crawl Space – Insulated crawl space walls with a code approved rigid insulation board with a minimum R-10. Insulate sill perimeter with R 19 blockers
- Seal all duct work –\* see attached duct sealing requirements.



## New Construction/ gutted areas

- Must meet the ENERGY STAR Builder's Option Package –including R-30 basement ceilings, R-19 walls, R-38 attic ceilings, Windows U- value <.35 --See attached "ENERGY STAR BOP" for details
- Must meet all Thermal Bypass checklist requirements (please see attached)
- Sealed ducts =<4% –\* see attached duct sealing requirements.

## Mechanical Systems

- Heating, Air Conditioning & Hot Water -Must meet ENERGY STAR Builder's Option Package
- Thermostat – Must be ENERGY STAR rated
- Ventilation - whole house Energy Recovery Ventilator, Heat Recovery Ventilator or ENERGY STAR rated bath fan, ducted to the exterior.

## Mandatory Inspections

1. Contact our office 800.628.8413 to arrange for the mandatory insulation inspection, after the insulation and air sealing are complete and prior to the start of the wallboard installation. A few days notice is preferable in order for us to schedule a timely inspection and avoid delays with the wallboard installation. If you have duct work, we can test your ducts at this time to avoid any problems that are often difficult, if not impossible, to seal after the wall board is in place
2. Contact our office with some advance notice towards the end of the project when you anticipate all building tightening steps are complete and the HVAC systems are fully completed. At that point we will conduct the final inspections, blower door test, and install the energy efficient bulbs

## Agreement

**Monitoring and evaluation is a key part of the learning objectives of this pilot. By signing this agreement, the participant agrees to:**

Share with the pilot Sponsors' evaluation team, cost information related to the design and construction of the home in areas that exceed code.

Agrees to allow ICF International Inc. (ICF), the Program's administrator, to perform quality control

reviews of the applicant's home energy performance rater and to oversee the data collection.

Share energy savings data for a period of one year.

Allow additional HERS inspections by ICF staff members or their designees if they are required. Acknowledges that the Energy Efficiency Service Provider (EESP) is entitled to 100% of the energy benefits associated with the Energy Cost Measurements.

| Incentive Recipient Information           |  |            |
|---|--|------------|
| Applicant/Incentive Recipient             | Company (if applicable)                    |            |
| Mailing Address- Street, City & Zip       | Phone                                      | Email      |
| Project Address, City, Zip (if different) | HERS Rater Company                         | # of Units |
| Electric Account Number                   | Natural Gas Account Number (if applicable) |            |
| Applicant Signature                       |  |            |
| Applicant Name (please print)             | Date                                       |            |

\* The Applicant's electronic signature serves in place of a written signature and validates that the applicant has read and agreed to all terms.

## Incentive Guidelines

- Incentives are valid for a period of one year from the time of application. Contact the Program if project completion is expected to run longer than one year as incentives may change.
- Invoices must be submitted to the Program documenting the thermal envelope work completed on both existing and newly renovated areas to receive incentives.
- There are costs associated with the services rendered by HERS Raters which vary per project based on the work required. Contact a HERS Rater before beginning the application process to obtain cost information. The incentives offered by Cape Light Compact serve to defray costs and may not cover all of the expenses occurred.
- The HERS rater chosen for the project will be responsible for ordering free CFLs for the project.

## Program Contact Information

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