



# New Hampshire ENERGY STAR Homes Program



## PROGRAM ENROLLMENT FORM

Please indicate which program you are applying for

- Net Zero Challenge** (ENERGY STAR 3.1 or 3.0 are a prerequisite)
- ENERGY STAR 3.1** (Home built to exceed 2012 International Energy Conservation Code)
- ENERGY STAR 3.0** (Home built to exceed 2009 International Energy Conservation Code)
- Drive to ENERGY STAR code plus initiative** (Exceeds current code does not meet ENERGY STAR certification)

### BUILDER INFORMATION - must be ENERGY STAR® Certified builder partner

|                   |        |               |                  |
|-------------------|--------|---------------|------------------|
| Company Name:     |        | Contact Name: |                  |
| Street Address:   |        | City:         | State:      Zip: |
| Telephone Number: | Email: | Fed Tax ID:   |                  |

### HOMEOWNER INFORMATION (if known)

Check if homeowner contact info is same as Builder above.

|                         |        |       |                  |
|-------------------------|--------|-------|------------------|
| Name:                   |        |       |                  |
| Mailing Street Address: |        | City: | State:      Zip: |
| Telephone Number:       | Email: |       |                  |

### ENERGY STAR credentialed HVAC Contractor (if project utilizes ductwork for heating or cooling)

|                   |        |               |                  |
|-------------------|--------|---------------|------------------|
| Company Name:     |        | Contact Name: |                  |
| Street Address:   |        | City:         | State:      Zip: |
| Telephone Number: | Email: |               |                  |

### PROJECT INFORMATION

Development / Subdivision Name & Town (if applicable): \_\_\_\_\_

Project / Site Manager: (name) \_\_\_\_\_ phone: \_\_\_\_\_

Site Manager Email: \_\_\_\_\_

Property Address: \_\_\_\_\_ Utility Account #: \_\_\_\_\_

The property enrolled is a (check one):  new  complete gut-rehab of existing

single family home  modular home  duplex / triplex / quad  multi-family (5+ units) # of units: \_\_\_\_\_ stories: \_\_\_\_\_

Est. ft<sup>2</sup> of conditioned living area: \_\_\_\_\_ Home Energy Rater (if known): \_\_\_\_\_

Construction start date: \_\_\_\_\_ Estimated Completion Date: \_\_\_\_\_

### INCENTIVE RECIPIENT INFORMATION

Generally, the incentive goes to the "decision maker" for the project, the person making the decision to and paying to build to a higher performance standard.  Builder  Homeowner

Name the incentive check will be payable to: \_\_\_\_\_

Signature of account holder of record if the incentive will be sent to another party: \_\_\_\_\_

### Program Funding

Funding for this program is limited and may be subject to change. Projects will be accepted on a first come, first serve basis. By signing you are stating that you understand the ENERGY STAR for Homes Version 3.0 or 3.1 Guidelines and understand these rules as they apply to your project potentially qualifying for an incentive. A signed copy of this application must be received before the start of construction. Third-party Energy Rating fees are covered by the program contingent upon successful completion and full compliance with program requirements.

Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

\*\*\* Any incentive offer associated with this application is good through the end of 2018. \*\*\*

## ENERGY STAR Homes Building Information

Please fill as much of the following information and submit with a copy of building plans.

### Section I: Insulation Specifications

| Insulation Location             | Insulation R-Value | Insulation Type |
|---------------------------------|--------------------|-----------------|
| Flat ceiling (w/attic above)    |                    |                 |
| Sloped/cathedral ceiling        |                    |                 |
| Exterior frame walls            |                    |                 |
| Rim/Band Joist                  |                    |                 |
| Floor over unconditioned cellar |                    |                 |
| Floor over garage               |                    |                 |
| Cantilevered floor              |                    |                 |
| Foundation walls                |                    |                 |
| Basement frame/walkout walls    |                    |                 |
| Under-slab insulation           |                    |                 |
| Slab perimeter insulation       |                    |                 |

### Section II: Window Specifications

| Windows   |
|---|
| Manufacturer: _____   |
| NFRC Whole Unit U-Value: _____  |
| NFRC SHGC*: _____   |
| <small>* National Fenestration Rating Council Solar Heat Gain Coefficient</small> |

### Section III: Mechanical Specifications

|                   |                          |                        |
|-------------------|--------------------------|------------------------|
| Heating Equipment | Fuel: _____              | Type: _____            |
|                   | Manufacturer: _____      | Model number _____     |
|                   | Size (Btu or tons) _____ | AFUE /COP rating _____ |

|                         |                      |                     |
|-------------------------|----------------------|---------------------|
| Water Heating Equipment | Fuel: _____          | Type: _____         |
|                         | Manufacturer: _____  | Model number _____  |
|                         | Size (gallons) _____ | Energy Factor _____ |

|                   |                          |                    |
|-------------------|--------------------------|--------------------|
| Cooling Equipment | Manufacturer: _____      | Model number _____ |
|                   | Size (Btu or tons) _____ | SEER _____         |

## New Hampshire ENERGY STAR Sponsoring Utilities

Return completed form to Sponsoring Utility

|                          |   |                |   |                                      |  |
|--------------------------|---|----------------|---|--------------------------------------|--|
| <b>Eversource</b>        | Electric <input type="checkbox"/>                                 | Mike Loughlin  | PO Box 330<br>Manchester, NH 03105-0330       | 603-634-2022<br>Eversource.com       | <a href="mailto:michael.loughlin@eversource.com">michael.loughlin@eversource.com</a>               |
| <b>Liberty Utilities</b> | Electric <input type="checkbox"/><br>Gas <input type="checkbox"/> | Matt Minghella | 15 Buttrick Road<br>Londonderry, NH 03053     | 603-216-3696<br>Libertyutilities.com | <a href="mailto:matthew.minghella@libertyutilities.com">matthew.minghella@libertyutilities.com</a> |
| <b>NHEC</b>              | Electric <input type="checkbox"/>                                 | Kurt Campbell  | 579 Tenney Mountain Hwy<br>Plymouth, NH 03264 | 603-536-8672<br>NHEC.com             | <a href="mailto:campbellk@nhec.com">campbellk@nhec.com</a>   |
| <b>Unitil</b>            | Electric <input type="checkbox"/><br>Gas <input type="checkbox"/> | Ben Stephenson | 1 McGuire Street<br>Concord, NH 03301         | 603-513-7436<br>Unitil.com           | <a href="mailto:Stephenson@unitil.com">Stephenson@unitil.com</a>                                   |

Utility Approval: \_\_\_\_\_

Date: \_\_\_\_\_

\*\*\* Any incentive offer associated with this application is good through the end of 2018. \*\*\*

# 2018 Incentive Structure

## ENERGY STAR 3.1 Incentives

|                             |  |   |   |
|-----------------------------|--|---|---|
| <b>CERTIFICATION FEES</b>   | Your Utility sponsor directly pays the ENERGY STAR contractor for all technical services and project support needed to guide your project through the program. |   | Up to \$1300 per home   |
| <b>ENERGY STAR PRODUCTS</b> | <b>ENERGY STAR Lighting</b> <ul style="list-style-type: none"> <li>18 Maximum free LED's installed</li> <li>\$25 for each ENERGY STAR light fixture</li> </ul> | <b>ENERGY STAR Appliance</b> <ul style="list-style-type: none"> <li>\$25 for each qualified ENERGY STAR refrigerator, clothes washer and clothes dryer</li> </ul> | <b>Efficient Gas HVAC</b> <ul style="list-style-type: none"> <li>Assistance w/ GasNetworks program to earn rebates for gas HVAC equipment</li> </ul>        |
| <b>Building Performance</b> | Home must meet or exceed HERS Index Target (SAF Adjusted)  | <b>Single Family</b> <ul style="list-style-type: none"> <li><b>\$1500 for meeting the HERS target index</b></li> <li><b>\$100 for each point below</b></li> </ul> | <b>Multifamily &gt;5 Units</b> <ul style="list-style-type: none"> <li>\$500 for meeting the HERS target index</li> <li>\$50 for each point below</li> </ul> |
| <b>Maximum Incentives</b>   | Rebates subject to change  | \$4000 per single home plus certification fees  | \$1000 per unit plus certification fees   |

Complete ENERGY STAR Version 3.1 Program Requirements can be found at:  
[https://www.energystar.gov/index.cfm?c=bldrs\\_lenders\\_raters.nh\\_v3\\_1](https://www.energystar.gov/index.cfm?c=bldrs_lenders_raters.nh_v3_1)

## ENERGY STAR 3.0 Incentives

|                             |  |   |   |
|-----------------------------|--|---|---|
| <b>CERTIFICATION FEES</b>   | Your Utility sponsor directly pays the ENERGY STAR contractor for all technical services and project support needed to guide your project through the program. |   | Up to \$1300 per home   |
| <b>ENERGY STAR PRODUCTS</b> | <b>ENERGY STAR Lighting</b> <ul style="list-style-type: none"> <li>18 Maximum free LED's installed</li> <li>\$25 for each ENERGY STAR light fixture</li> </ul> | <b>ENERGY STAR Appliance</b> <ul style="list-style-type: none"> <li>\$25 for each qualified ENERGY STAR refrigerator, clothes washer and clothes dryer</li> </ul> | <b>Efficient Gas HVAC</b> <ul style="list-style-type: none"> <li>Assistance w/ GasNetworks program to earn rebates for gas HVAC equipment</li> </ul>        |
| <b>Building Performance</b> | Home must meet or exceed HERS Index Target (SAF Adjusted)  | <b>Single Family</b> <ul style="list-style-type: none"> <li><b>\$1000 for meeting the HERS target index</b></li> <li><b>\$50 for each point below</b></li> </ul>  | <b>Multifamily &gt;5 Units</b> <ul style="list-style-type: none"> <li>\$250 for meeting the HERS target index</li> <li>\$50 for each point below</li> </ul> |
| <b>Maximum Incentives</b>   | Rebates subject to change  | \$4000 per single home plus certification fees  | \$1000 per unit plus certification fees   |

Complete ENERGY STAR Version 3.0 Program Requirements can be found at:  
[https://www.energystar.gov/index.cfm?c=bldrs\\_lenders\\_raters.nh\\_v3\\_guidelines](https://www.energystar.gov/index.cfm?c=bldrs_lenders_raters.nh_v3_guidelines)

## Drive to ENERGY STAR Incentives (Code Plus)

|                             |  |   |  |
|-----------------------------|--|---|--|
| <b>CERTIFICATION FEES</b>   | Your Utility sponsor directly pays the ENERGY STAR contractor for all technical services and project support needed to guide your project through the program. |   | Up to \$1300 per home  |
| <b>ENERGY STAR PRODUCTS</b> | <b>ENERGY STAR Lighting</b> <ul style="list-style-type: none"> <li>18 Maximum free LED's installed</li> <li>\$25 for each ENERGY STAR light fixture</li> </ul> | <b>ENERGY STAR Appliance</b> <ul style="list-style-type: none"> <li>\$25 for each qualified ENERGY STAR refrigerator, clothes washer and clothes dryer</li> </ul> | <b>Efficient Gas HVAC</b> <ul style="list-style-type: none"> <li>Assistance w/ GasNetworks program to earn rebates for gas HVAC equipment</li> </ul> |
| <b>Building Performance</b> | Home must meet or exceed HERS Index Target (SAF Adjusted)  | <b>Single Family</b> <ul style="list-style-type: none"> <li><b>\$500 for meeting the HERS target index</b></li> <li><b>\$50 for each point below</b></li> </ul>   | <b>Multifamily &gt;5 Units</b><br>Not Applicable   |
| <b>Maximum Incentives</b>   | Rebates subject to change  | \$1000 per single home plus certification fees  |  |

## Program Descriptions

- > **Net Zero Challenge** - Homes entering this challenge must meet the ENERGY STAR Homes 3.0 or 3.1 certification requirements and have a renewable energy system installed, such as solar photovoltaics, a small wind turbine or a micro-hydro turbine. Participants compete for a cash incentive to design and build super high-efficiency, zero-net-energy homes.
- > **ENERGY STAR 3.1** - Designed for Homes being built to exceed 2012 IECC. Efficiency targets are increased - key changes include lower infiltration values, better windows & doors, more efficient HVAC equipment including the air handler and ducts in conditioned space, and more efficient lighting. These more efficient features are used to determine the ENERGY STAR HERS index target. Complete ENERGY STAR Program Requirements can be found at: [https://www.energystar.gov/index.cfm?c=bldrs\\_lenders\\_raters.nh\\_v3\\_1](https://www.energystar.gov/index.cfm?c=bldrs_lenders_raters.nh_v3_1)
- > **ENERGY STAR 3.0** - Designed for homes being built to exceed 2009 IECC. ENERGY STAR certified homes are designed with systems and features that work together to deliver better energy efficient performance. Complete ENERGY STAR Program Requirements can be found at: [http://www.energystar.gov/index.cfm?c=bldrs\\_lenders\\_raters.nh\\_v3\\_guidelines](http://www.energystar.gov/index.cfm?c=bldrs_lenders_raters.nh_v3_guidelines)
- > **Drive to ENERGY STAR (code plus initiative)** - Initial entry point into efficient building practices for builders/homeowners that are building single family homes exceeding code but not meeting all the ENERGY STAR certification requirements. This is an introduction into a better understanding of the process, and the ENERGY STAR requirements for the builder and HVAC contractor.

## Eligibility Requirements

- > An approved ENERGY STAR enrollment form must be submitted to sponsoring utility prior to construction.
  - > Utility service must be provided by one of the utility sponsors - (Eversource, Liberty, NHEC, Unital).
  - > Builder must complete a free online ENERGY STAR Orientation Training and register as an ENERGY STAR Builder Partner Version 3.1 or 3.0.
  - > HVAC contractor must be an EPA-recognized credentialed HVAC contractor (Not applicable for Drive to ENERGY STAR code plus initiative).
  - > Builder/homeowner agrees to coordinate inspections with assigned Home Energy Rater (HERs).
  - > Homes must meet ENERGY STAR program requirements to qualify for label and financial incentives (Not applicable for Drive to ENERGY STAR).
  - >
- ENERGY STAR Version 3.1 or 3.0 Homes can be single-family, multi-family or townhouse style construction three stories or less in height, or four stories where each residential unit has its own heating, cooling and hot water systems. Each dwelling must be individual electrically metered.
- > Construction of the home must be complete\* by December 31, 2018 to receive incentives. For homes completed after December 31, 2018 applicants will be required to sign an updated agreement. The availability of rebates and services are subject to regulatory funding and program approvals.

\*Complete - Dwelling is in move-in condition, all mechanical equipment operating, HERS testing complete, required builder and HVAC documentation submitted to HERS rater.

## Additional Incentives

### Natural Gas High Efficiency Heating & Water Heating Equipment Rebates

- > Natural Gas heated homes may take advantage of further rebates offered by your local natural gas utility. Visit [www.NHSaves.com](http://www.NHSaves.com) for high efficiency natural gas equipment rebate form.

### Net Zero Challenge

- > NHSaves Drive to Net Zero competition seeks to identify, encourage and promote building contractors to build high efficiency, net zero energy homes. The challenge is a design and build competition for single and multi-family homes completed by November 2018. Visit [www.NHSaves.com/netzero](http://www.NHSaves.com/netzero) for additional information

### Renewable Energy Rebates

- > Residential projects utilizing renewable energy may take advantage of further rebates offered by the NH Public Utilities Commission. Homeowners interested in these rebates should visit the respected website.

### Federal Tax Credits for Consumer Energy Efficiency

- > Residential projects utilizing solar energy systems may qualify for federal tax credits. For further information, please visit [www.energystar.gov](http://www.energystar.gov)