

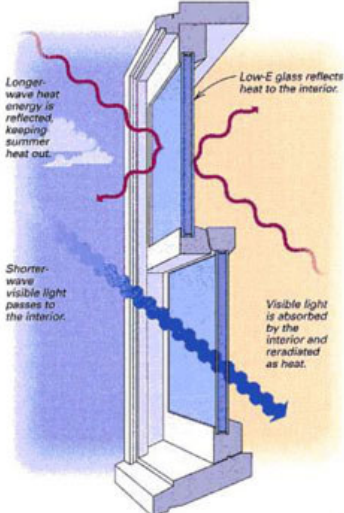

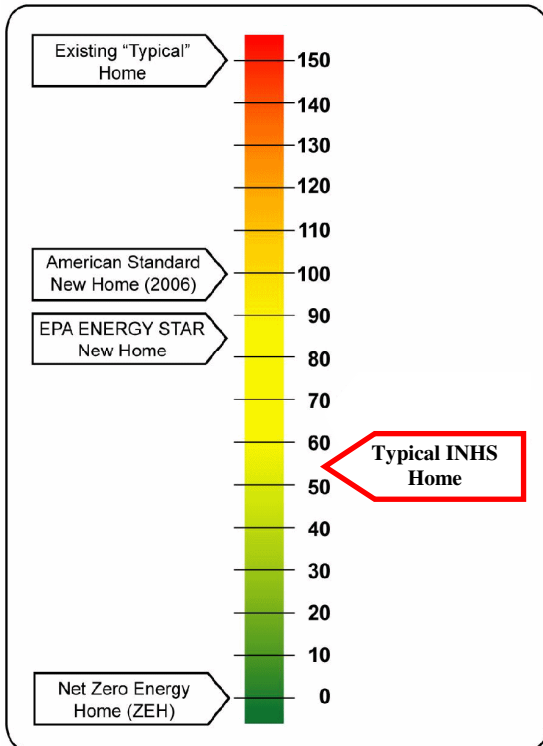


## Ithaca Neighborhood Housing Services' homes typical features:

<b>High efficiency boilers</b>	
	<p>These boilers are proven, compact, and quiet. Hot water heat is efficient, quiet, and evenly distributed throughout the house.</p> <p>Unlike the forced hot air heat, there are fewer drafts and the sealed boiler does not draw cold air into the house.</p> <p>The boilers also heat the hot water at much higher efficiency than conventional hot water heaters.</p>
<b>Blown cellulose insulation</b>	
	<p>Made from recycled newspapers, this insulation saves on heating and cooling and improves indoor air quality by inhibiting mold growth.</p> <p>This insulation seals and insulates much better than conventional fiberglass insulation.</p>
<b>Triple pane, Low-e windows</b>	
	<p>These windows have special glass are filled with argon gas to be extra energy efficient.</p> <p>They keep heat out during the summer and keep the cold out during the winter and also acts as a sunscreen for your furniture and upholstery</p>
<b>Low volatile organic compound (VOC's) paints and caulks</b>	
	<p>These special paints are made to reduce indoor air pollution. Indoor air is three times more polluted than outdoor air and, according to the EPA, is considered to be one of the top 5 hazards to human health. Paints and finishes are among the leading causes.</p>

## ENERGYSTAR® rated

### HERS Index



A HERS rating is a measure of energy use in a home. A HERS rating of 100 represents the energy use of a home built to the American Standard Energy Code from 2006. A HERS rating of 0 indicates that the building purchases no net energy (A Net Zero Energy Building). The lower the rating, the more energy efficient the home.

INHS's homes have an average HERS rating: 50-55. This means that INHS's homes use half as much energy as a regular new home.

**In fact, owners of INHS's new homes spend only \$500-700 A YEAR on heat and hot water.**

## Advanced Framing



Traditional Framing



Advanced Framing Techniques

INHS's houses are sized and engineered to be built with fewer materials than an average house.

Engineered wood (special beams, joists, etc.) is used to minimize the resources used. Overall, less wood is used which maximizes the energy efficiency of the house.

## Energy Star Household Appliances



The refrigerator, dishwasher (if present), and boiler are Energy Star certified to save energy and money.

INHS does not supply clothes washers in the homes.

### Advanced Air Sealing



INHS's houses are more than 50% tighter than an average home so they are less drafty, more comfortable, and cheaper to heat.

The air sealing is verified with tests and the house is ventilated with a special fan so the house isn't too tight. Houses that are too tight may have high moisture levels which is bad for your health and bad for the house. You need fresh air and so does the house.

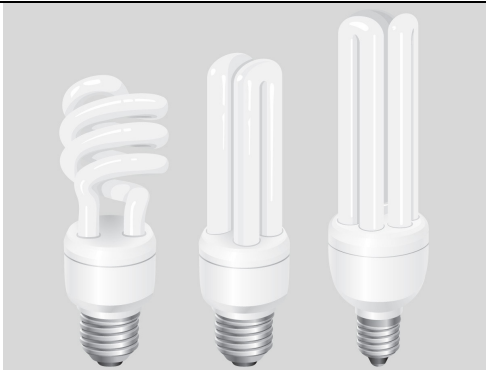
### Insulated Hot Water Pipes



All of the hot water pipes are insulated so the water stays hot and gets to the faucets faster.

Less hot water is wasted.

### CFL Bulbs



Fluorescent light bulbs are used everywhere. This is perhaps the cheapest, easiest, and best way to reduce energy use.

### Natural, Long lasting Flooring – No carpet



Flooring is used that avoids the off-gassing and air pollution that comes with carpet.

INHS uses true linoleum and bamboo flooring. Both of these products are made from natural, sustainable materials. Although they cost more than cheap flooring, they are a bargain in the long run..

## Proper Ventilation to avoid indoor air quality problems



“Build tight, ventilate right” is the motto. Some houses are built too tight without anyone realizing it. Too tight is bad for the house and the occupants. All INHS houses are tested to ensure they aren't too tight. These houses are more than 50% tighter than an average home so they are less drafty, more comfortable, and cheaper to heat.

You need fresh air and so does the house.

## Passive Radon Mitigation Radon System



Radon, is a natural gas that is the second-leading cause of lung cancer, it is found all over Tompkins County. . This system ensures that radon or other vapors doesn't enter the home.

## Low Water Usage



INHS uses only EPA Water Sense rated toilets with the very best flush ratings. While these toilets use 1/3 less water than normal “water saving” toilets, they flush better – “first time, every time”.

INHS also installs low flow showerheads and faucets. The showerheads are carefully chosen to give a good showering experience while using 40% less water than a regular shower head.

Using less water means more money in your pocket.

## Home Manual and Training



Owner's Manual  
for  
409 Elm St.



Completed June 2010



LEED  
for HOMES



INHS gives every home owner a custom home owner's manual and personal walkthroughs the entire home.