

# “Remarkable Results”

**“An amazing team effort between Design Homes and their builder, Larose Construction.”**



*“Having tested literally hundreds of homes of all types, I can say with utmost certainty that the Design Homes, LLC, custom modular home shipped to St. Albans, VT in September of 2007, had the lowest blower door number of any home I have yet tested or consulted on. An amazing team effort between Design Homes and their builder, Larose Construction, LLC.”*

**“Low blower door numbers = Energy Efficiency + Home Comfort”**

– Peter V. Vargo, Certified Energy Rater  
Owner, Nu-Tech Energy Solutions, Co.



## Nu-Tech Energy Solutions, Co.

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February 4, 2008

Design Homes, LLC  
11 Edwards St  
Bloomsburg, PA 17815

Dear Design Homes,

It is my pleasure to inform you of the remarkable, final test results, regarding energy efficiency, of the Energy Star Home you shipped to St. Albans, VT in September of 2007. The blower door test number, which measures air infiltration and is in large part a result of the detailed air sealing you do in the factory, was an almost unheard of 1.15 ACH<sub>50</sub>\*. To put this into perspective the minimum blower door test requirement in most states to achieve Energy Star Home Certification is 5.00 ACH<sub>50</sub> or less. The average new home built to current minimum energy code is typically in the 7.00 to 8.00 ACH<sub>50</sub> range.

To achieve such an incredibly low number, almost 5x less than the minimum requirement for Energy Star, is not only extremely difficult but is a true testament to the focus and attention to detail of both Design Homes and their builder. Although these types of stats are not readily available, in my experience the blower door results of this home are easily among the top 1% or less in the country.

“Energy, energy, energy... in a day where it is almost impossible to avoid hearing or reading that particular word, it is imperative that home builders be able to market themselves as energy efficient builders. The Energy Star Homes Program is a highly recognizable way to do this. For Modular Builders this means teaming up with a modular home company that has the resources, dedication and understanding of what it takes to produce Energy Star or High Performance Homes. Design Homes, LLC of Bloomsburg, PA has certainly proven that it can be at the forefront of any such expectations.”

Peter V. Vargo, Certified Energy Rater  
Owner, Nu-Tech Energy Solutions, Co.

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Way to go! Design Homes.

Yours truly,

Peter V. Vargo  
Certified Energy Rater  
PA Rater # 244 - NY Rater # R0103

Member: RESNET  
N.E. HERS Alliance  
Energy Star Partner  
EERA  
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The HERS Index was 53 on St. Alban's VT home—this means it is 47% more efficient than the exact home built to min. 2006 IECC code. Even more impressive is that it is 32% more efficient than the same home built to min. Energy Star specs. So it is 32% more efficient than the same home built to base Energy Star Standards.

**To find out more about the Design Homes difference, visit our website or call today.**

## Design Homes

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**BUILDING VALUE  
FOR OUR CUSTOMERS**



**Peter V. Vargo,**  
Certified Energy Rater