



# Comfort = Savings

Pilot tests completed by Portland State’s Green Building Research Laboratory compared gas usage before and after installing Indow window inserts in four Portland area homes. We got some surprising insights and great data:

Pilot Homes	Natural gas usage Before Indow inserts (Therms)		Natural gas usage After Indow inserts (Therms)		Savings (%)	
	Modeled	Measured	Modeled	Measured	Modeled	Measured
N. Portland	408	511	318	453	22%	11%
McMinnville	502	531	445	385	11%	27%
Vancouver	421	452	384	349	9%	23%
Milwaukie	469	510	436	438	7%	14%
<b>AVERAGES</b>	450	501	396	406	9.8%	<u>19%</u>

## Yes! Indow inserts save more money than expected because they make people so comfortable.

“The important result from this table is that, in the aggregate, the homes are anticipated by the model to save roughly 10% on their natural gas bills. The fact that the average measured savings was nearly double this (at 19%) might be a direct result of the thermal comfort benefits of the Indow inserts. Specifically, since the interior window surface of the Indow product is much warmer than would be the inner surface of the single pane of glass, the occupant within the building will feel warmer standing next to the Indow window insert, than standing next to a single pane of glass even if the room air temperature is the same in both cases. As a result, the occupant is more likely to operate their home heating system at a lower thermostat setting after the Indow inserts are installed.” – Excerpt from the pilot study.

- Indow inserts effectively reduce heating energy consumption by almost 20%, delivering superior comfort that keeps you from dialing up your thermostat
- Windows are almost always identified as the number one source of energy loss and discomfort. Insulating single pane windows with Indow inserts can have a huge impact on the temperature balance in your home, reducing drafts and warm/cool air loss and increasing comfort.
- The cost of replacing windows easily exceeds most budgets. Indow window inserts deliver comfort without the construction and cost of replacement windows. Insulate your windows and build that new bathroom!

Check out the full report <http://www.indowwindows.com/research-development/psu-interior-storm-windows/>