



Annual Energy Usage Comparison:

For Every



Conventionally-Built Home

You Could Power



EnergyWise Homes

We Are Running Out of Oil!

It has been hard to avoid the constant news reports of mega-storms, floods and brutal drought conditions, so it might be difficult to imagine something worse than the effects of climate change.

Yet something worse may lie just ahead.

We are being warned by leading scientists that oil and gas production is now peaking and this means demand will exceed supply soon. Make no mistake, this guarantees increasing energy prices. The U.S. government is aware of this disastrous international energy shortage as well, but seems powerless to prevent it.

The window of opportunity to prepare is narrowing. Even if you are skeptical of these warnings of impending crisis, the worst outcome of using the EnergyWise program is that you will save a lot of your hard earned money and have a more valuable high-performance home.

The minimum requirements for the Master of Science Program include:

1. **The EnergyWise Air-Infiltration Package.**
2. **Framing Package Shall Include Advanced Framing of Corners & “T”s.**
3. **Insulation.**
 - Residential .5 lb. Open-Cell Urethane Foam Insulation Specifications:**
 - 6” .5 lb. Open Cell Sprayed Urethane Foam Roof Deck Insulation
 - 5 ½” .5 lb. Open Cell Sprayed Urethane Foam in Vaulted Ceilings
 - 3 ½” .5 lb. Open Cell Sprayed Urethane Foam for 2” x 4” Exterior Walls
 - 3 ½” .5 lb. Open Cell Sprayed Urethane Foam for 2” x 4” Common Walls
 - 5 ½” .5 lb. Open Cell Sprayed Urethane Foam for 2” x 6” Exterior Walls
 - 5 ½” .5 lb. Open Cell Sprayed Urethane Foam for 2” x 6” Common Walls
 - 5 ½” .5 lb. Open Cell Sprayed Urethane Foam Underfloor (Rooms over Garages)
 - 5 ½” .5 lb. Open Cell Sprayed Urethane Foam Underfloor (Cantilevered Areas)
 - 5 ½” .5 lb. Open Cell Sprayed Urethane Foam Underfloor Decking (Crawlspaces)
 - Residential 2 lb. Closed-Cell Urethane Foam Insulation Specifications:**
 - 3” 2 lb. Closed Cell Sprayed Urethane Foam Roof Deck Insulation
 - 3” 2 lb. Closed Cell Sprayed Urethane Foam in Vaulted Ceilings
 - 2” 2 lb. Closed Cell Sprayed Urethane Foam for 2” x 4” Exterior Walls
 - 2” 2 lb. Closed Cell Sprayed Urethane Foam for 2” x 4” Common Walls
 - 2” 2 lb. Closed Cell Sprayed Urethane Foam for 2” x 6” Exterior Walls
 - 2” 2 lb. Closed Cell Sprayed Urethane Foam for 2” x 6” Common Walls
 - 3” 2 lb. Closed Cell Sprayed Urethane Foam Underfloor (Rooms over Garages)
 - 3” 2 lb. Closed Cell Sprayed Urethane Foam Underfloor (Cantilevered Areas)
 - 3” 2 lb. Closed Cell Sprayed Urethane Foam Underfloor Decking (Crawlspaces)
 - 2” 2 lb. Closed Cell Sprayed Urethane Foam on the Exterior Walls (Crawlspaces)
4. **Thermally Broken Low-E Windows with a U-Value of .35 or Less. (No aluminum frames at all).**
5. **Engineered Mechanical HVAC Design. Metal Extended Plenums with Metal/Flex Duct Runs (as engineered by Dr. Busby).**
6. **HVAC Equipment Shall Have a SEER Rating of 16 Plus, Two Speed Condensers with Variable Speed Air Handlers. All Gas Furnace Equipment Shall Have an AFUE Rating of 90% plus.**