

...because the opportunity is so great

or

*Why Local Governments Should
Care About Energy Efficiency
And How They Can Lead The Way*



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[Gary Thompson](#)



Energy Efficiency

An Initial Morsel of Food For Thought

WHY SMART GOVERNMENT IS ENERGY EFFICIENT GOVERNMENT

OUR ULTIMATE ROLE AS OFFICIALS IN GOVERNMENT IS TO ASSIMULATE GOOD SCIENCE AND INFORMATION AND LEAD DECISIONMAKING TO THE MOST SECURE, SUSTAINABLE AND RESPONSIBLE POLICIES FOR OUR SOCIETY. MANY OF OUR DECISIONS ARE MERELY ADMINISTRATIVE, WHILE OTHERS ARE STRATEGIC IN THEIR IMPACTS. WHAT CAN EACH OF US DO TO BE SUSTAINABLE, HEALTHY AND PROFITABLE, WHERE MINIMAL HARM IS DONE AND MAXIMUM BENEFITS ARE ACHIEVED?.... SUCH POLICIES AND DIRECTIONS WILL BENEFIT GOVERNMENT AND PEOPLE, NOW AND IN THE FUTURE; AND, WILL OFTEN INVOLVE A MAJOR CHANGE IN DIRECTION AS THE WORLD CHANGES. DELAYS IN THESE SHIFTS WILL OFTEN CARRY COSTS PROPORTIONAL TO THE TIME OF THE DELAYS.

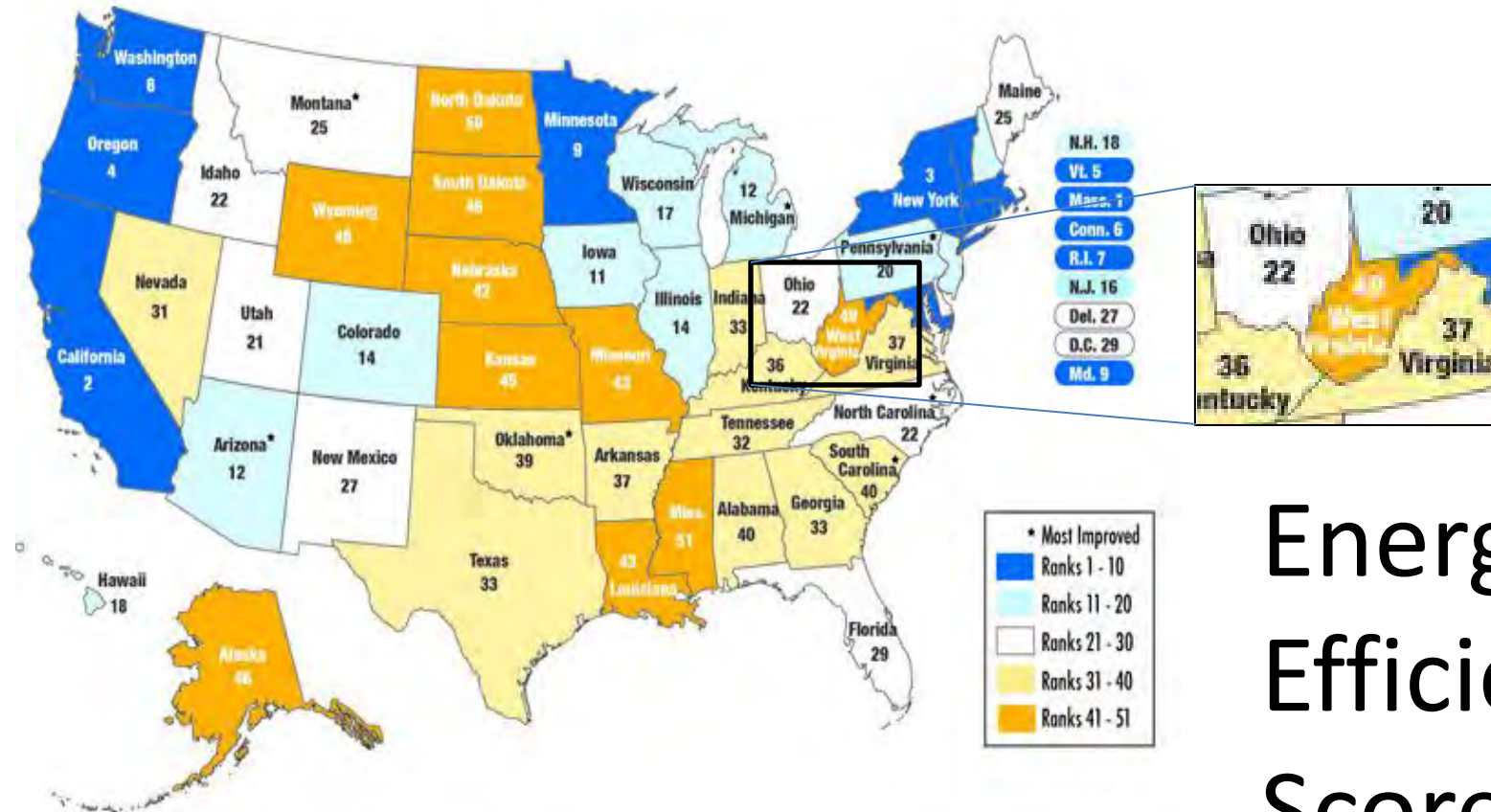
IF WE EXPECT PEOPLE TO DO THE RIGHT THINGS WE, AS GOVERNMENT REPRESENTATIVES MUST LEAD BY EXAMPLE.

*Dr Wayne Dunn,
Commissioner Wood County WV*



What An Opportunity!

Energy Efficiency



Energy Efficiency Scorecard





Energy Efficiency

What have they got that we ain't got?



It ain't courage
And it ain't a heart
And it ain't brains
It ain't even a little dog ...

We got all them things!

It's
**Leadership
at the local
level**



Energy Efficiency

Local Governments Should Lead the Charge

“... Many local governments are pulling together in partnerships and agreements that encourage accountability for climate change mitigation through shared goals in energy-efficiency, conservation and sustainability”



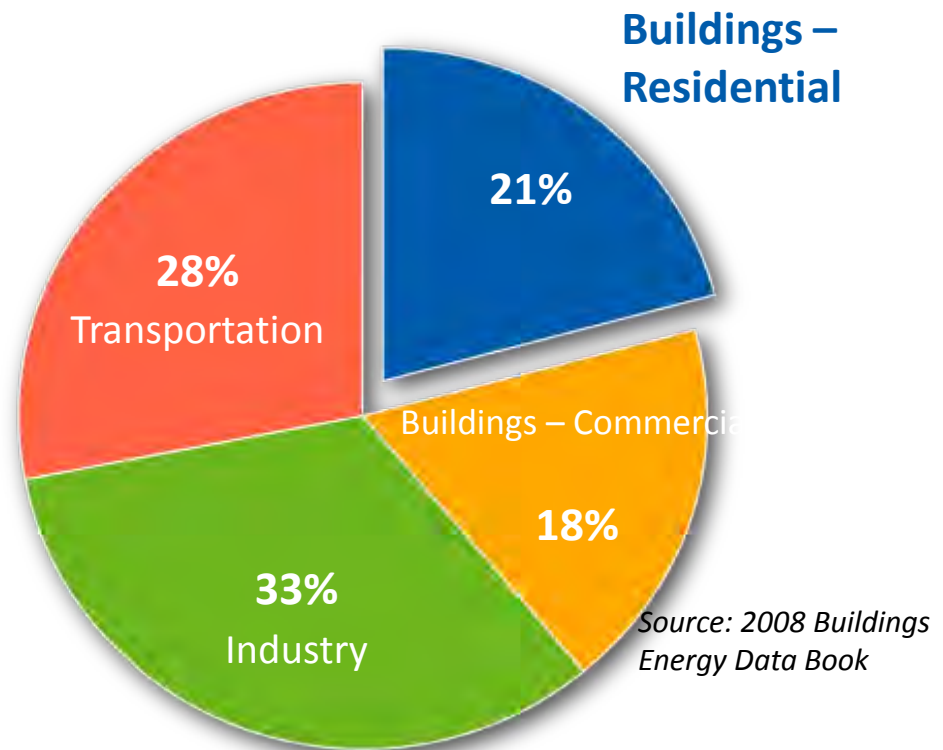


Choose the Right Battle

Residential and Commercial Buildings

Energy Efficient Upgrades

- Almost 40% of energy used in the US goes to power commercial and residential buildings.
- Half of that (20% US energy) is for space heating and cooling.
- Half of *that* (heating and cooling energy) is wasted.





Energy Efficiency

Lead by Example

- Reduce your own energy footprint
 - Use Energy Star [Portfolio Manager](#) to benchmark you buildings
 - Identify under-performing buildings
 - Establish baselines to set goals and measure progress
 - Track progress over time
 - Verify and document results
- Use local firms to support this work
 - [HSC Industrial](#) in Beckley WV
 - Energy Solutions and Building Automation and Controls
 - [Pickering Associates](#) in Parkersburg WV



Follow the leaders

Energy Efficiency

- Learn from projects and best practices developed in states that are leading the way
 - New York
 - [How to Boost Energy Efficiency in Municipal Facilities/Operations](#)
 - California
 - [Best Practices – Street Lighting](#)
 - Washington
 - [Building Codes](#)



Energy Efficiency

Lead Your Local Small Businesses and Residents Through Partnerships

- **Build Your Own ENERGY STAR Benchmarking Competition**
- **Adopt Modern Energy Efficiency Building Codes**
- **Develop a project within your constituency to educate and encourage home owners and small business owners to invest in Comprehensive Energy Assessments and Energy Efficient Upgrades**



Energy Efficiency

Lead a Local Energy Efficiency Upgrade Program

- Find an Advocate with passion
- Form a Partnership with local players
 - Colleges and Universities
 - Banks
 - Regional Councils
 - Local Homebuilders Associations
 - Local Businesses
- Develop a Plan
- Locate Funding to implement it



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You Have Friends In High Places!

- The [WV Division of Energy](#) is your best friend
 - Advice
 - Help you make contacts
 - Provide funding through grants when available



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One Final Morsel of Food For Thought

Annual savings from customer-funded energy efficiency programs topped 18 million MWh in 2010, a 40% increase over a year earlier. This is roughly equivalent to the amount of electricity Wyoming uses each year.



Partial List of References

Energy Efficiency

- Lawrence Berkeley National Labs
 - <http://middleincome.lbl.gov/>
 - [Delivering Energy Efficiency to Middle Income Households](#)
- [NEEI – Northwest Energy Educators Institute](#)
- [Energy for Sustainability](#), Randolph & Masters, 2008
- [Weatherization Assistance Program Technical Assistance Center](#)
- [WV Consumer Advocate Division 2012 Annual Report](#)



Energy Efficiency

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