



# Capturing the Emissions Reduction Benefits of Energy Efficiency & Renewable Energy in State Implementation Plans

2013 State Energy Outlook Conference  
Energy Production & Transmission Committee  
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North Carolina Energy Office [energync.net](http://energync.net)

# ENERGY

My Idea

My Idea

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My Idea

Our Ideas

DNER

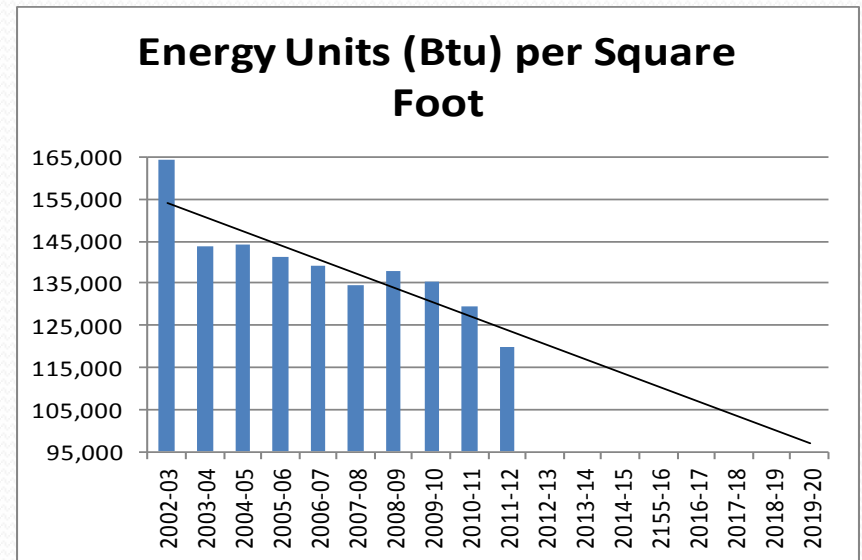
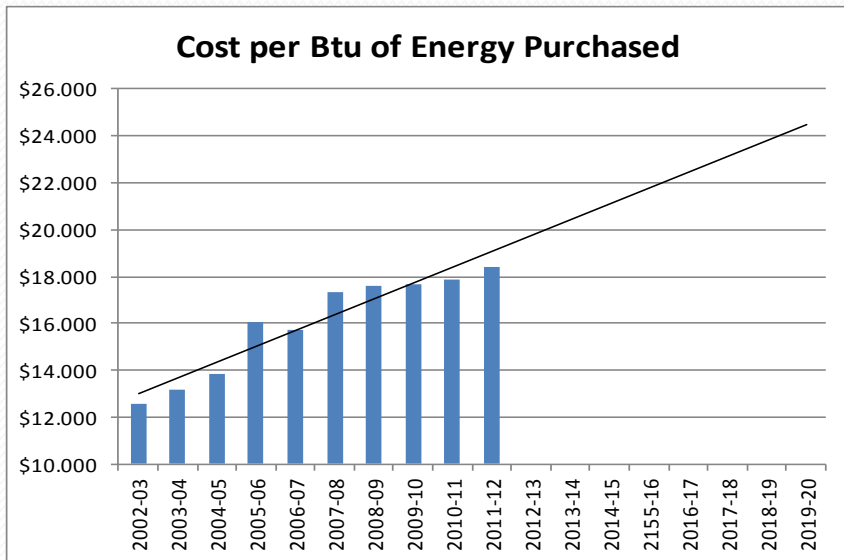
NCUC

NCSEO

EPA

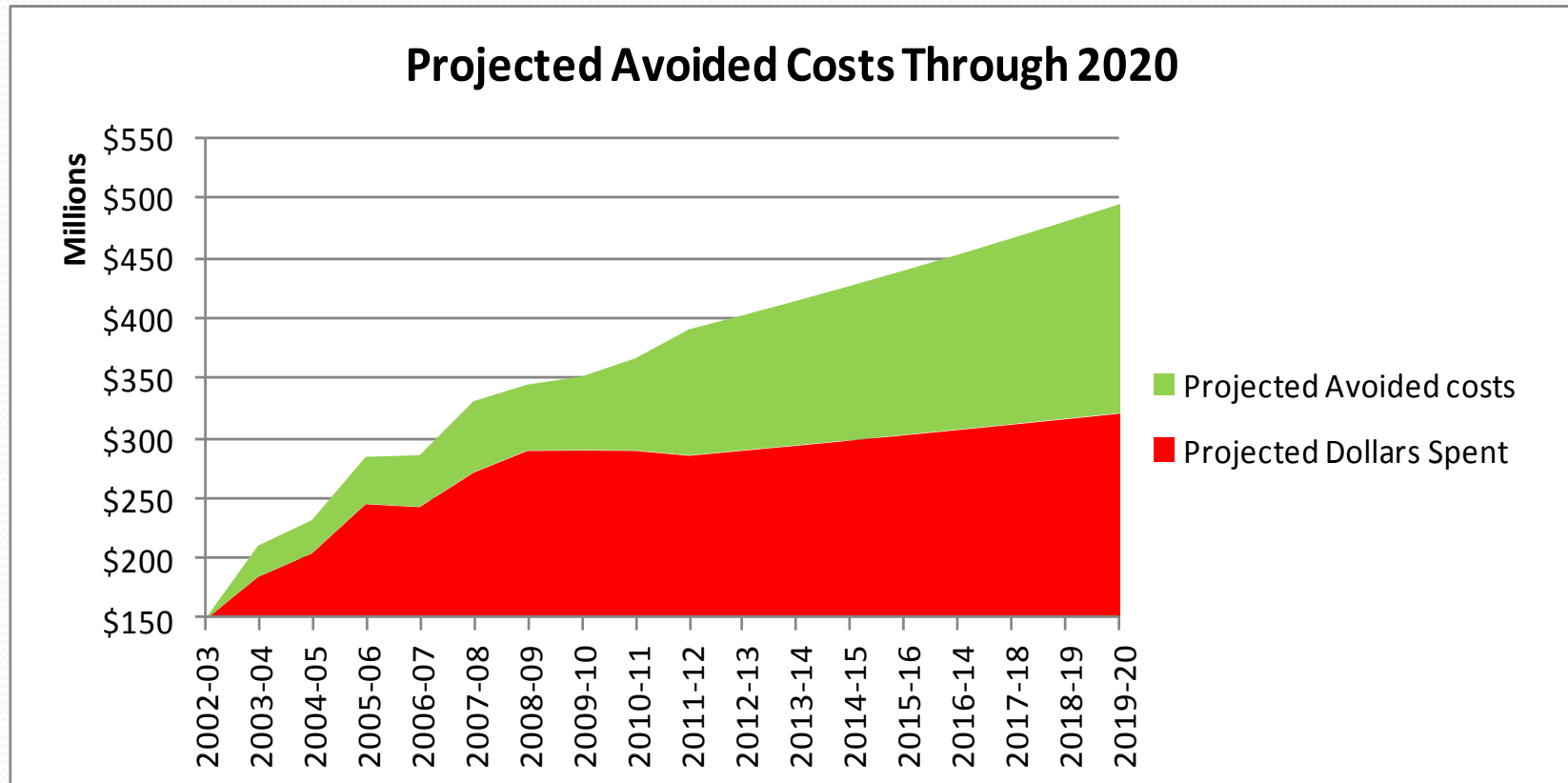
# Utility Savings Initiative

## Energy Cost vs. Consumption



Energy costs per unit are increasing 40% faster than energy consumption is decreasing

# Utility Savings Initiative



**Projected Total Cumulative Avoided Costs = \$1.5 billion**

**Assumptions:** 2% increase per year in energy cost, 1.5% decrease per year in energy intensity and 1% increase in gsf

# Beating "Our" Ideas

Energy efficiency could produce energy savings equal to 25% of NC's electricity use over the next 10-12 years OR about 2% of annual electricity sales AND reduced energy use = reduced emissions

DNER

Provide Statutory guidance G.S. 62-2(a) assuring that resources necessary to meet future growth through energy efficiency programs, as additional sources of energy supply/demand reductions

NCUC

NCSEO

EPA

Utilities Savings Initiative: help buildings exceed the energy efficiency requirements of ASHRAE 90.1-2004 through design, construction, performance contracting and/or major renovations

Working hard to incorporate & promote energy efficiency. (Roadmap, RIAs)





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