

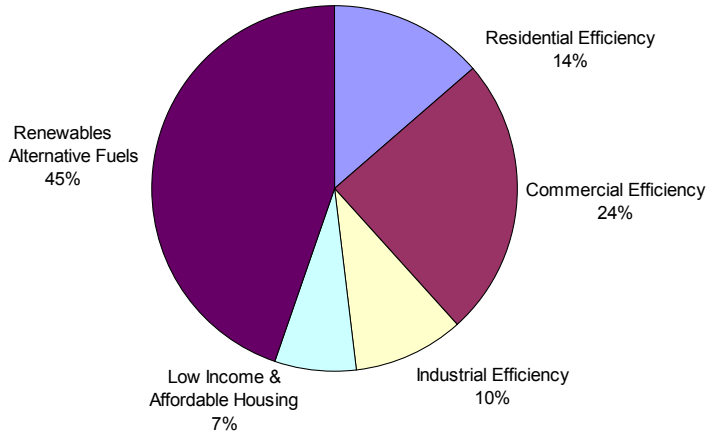


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Recognized as North Carolina's primary resource for energy information and technology, the State Energy Office promotes energy efficiency, renewable energy, and alternative fuels, striving toward a sustainable energy future. The Office accomplishes this by administering innovative programs and services that educate and involve energy consumers, producers and decision makers.

2000-2006 PROGRAM SPENDING

Since 2000, the State Energy Office has awarded nearly 200 contracts totaling more than \$31 million. These modest investments save consumers money; create jobs; reduce pollution; and increase our energy independence.



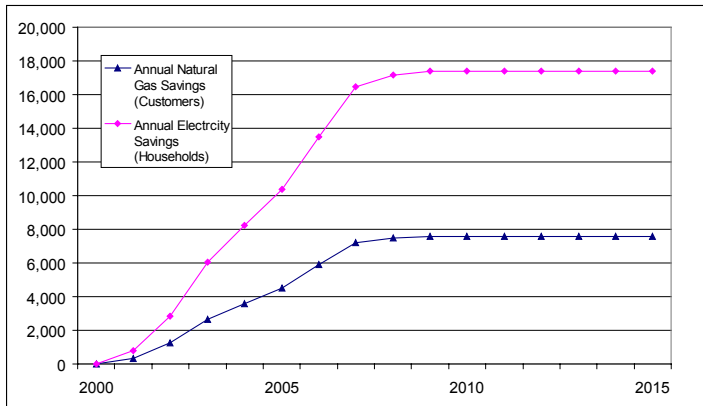
2000-2006 Program Spending By Sector

Residential Efficiency	\$ 4,316,387
Commercial/Public Efficiency	\$ 7,697,239
Industrial Efficiency	\$ 3,062,311
Low Income & Affordable Housing	\$ 2,259,219
Renewables & Alternative Fuels	\$ 14,093,203
Total	\$ 31,428,359

Funding for State Energy Office program implementation comes from Petroleum Violation Escrow funds and the U.S. Department of Energy. However, these sources are nearly depleted. For these services to continue, state appropriations are needed.

ANNUAL ENERGY SAVINGS

Projected Energy Demand Reductions from SEO Programs

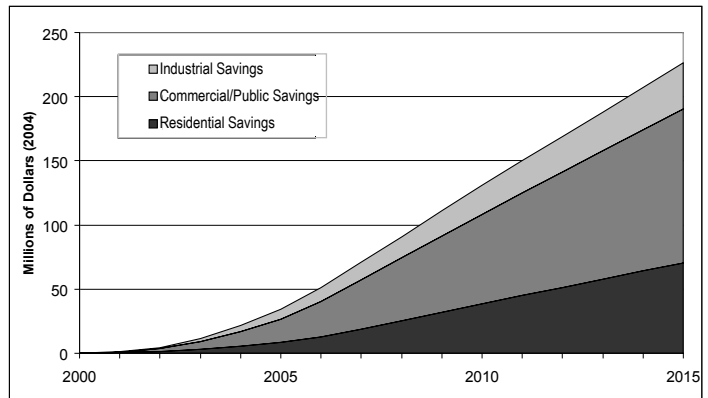


Investments in energy efficiency and renewable resources will permanently impact North Carolina's future. When fully implemented these investments will save energy consumers nearly 3 trillion Btu's of energy every year.

That is enough energy to meet the power needs of more than 17,000 homes and enough natural gas to supply more than 7,500 customers.

CONSUMER ENERGY BILL SAVINGS THROUGH 2015

By 2015, projects administered by the State Energy Office are estimated to save North Carolina energy consumers a cumulative total of 33.4 trillion Btu's of energy. This translates into more than \$225 million in energy bill savings.

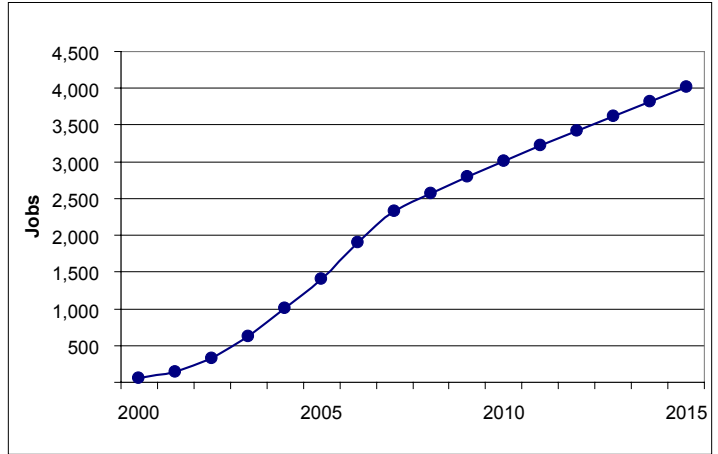


Return on Investment

Every dollar spent on State Energy Office programs results in a \$7.25 increase in current and future economic activity.

ECONOMIC IMPACTS

Energy conservation increases consumers' disposable income, reduces the cost of doing business in the state, increases business cash flows freeing up capital for new investments, and makes North Carolina more competitive in the global economy. In short, these cost savings make our state economy more vibrant, support economic growth, and stimulate job creation.



Economic modeling conducted for the State Energy Office projects that by 2015 more than 4,000 net jobs will be created as result of energy savings realized by State Energy Office projects. According to the modeling, this job creation will occur primarily in the service, wholesale and retail trade, finance, and the construction and engineering services sectors.

Credit: National Renewable Energy Laboratory

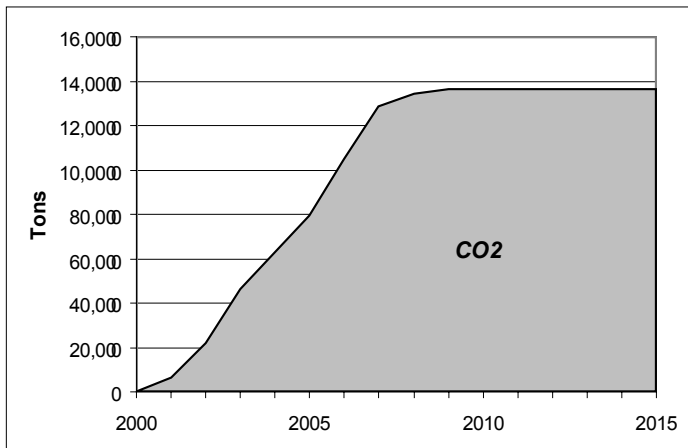


AIR POLLUTION EMISSION REDUCTIONS

Air pollution can threaten human health and harm the natural environment. Air pollution causes haze that reduces visibility in national parks and wilderness areas, and may negatively impact our state's tourism economy. Furthermore, heat-trapping greenhouse gases like carbon dioxide contribute to global climate change. Reducing energy consumption reduces pollution and will help stave off these threats to North Carolina's environment and economy.



Credit: National Renewable Energy Laboratory



By 2010, energy savings realized by State Energy Office will result in annual reductions of carbon dioxide pollution of 134,000 metric tons, which is equivalent to taking 29,100 cars off the road.

Cummulative Emission Reductions

Sulfur Dioxide (tons)	9,146
Nitrogen Oxide (tons)	2,592
Carbon Dioxide (tons)	1,540,881
Mercury (pounds)	70