

# State Energy Office Perspective: What is the role for State Energy Offices in Integrating Renewables and Air Quality Goals?

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## OEE's Vision and Mission

- Vision :A robust economy supported by multiple energy sources, energy efficiency and advanced technology with added value for the quality of life for all Ohioans.
- Mission: To promote viable and diverse energy options for Ohio



- Ohio's Energy Office is housed in the Ohio Department of Development – the states' Economic Development/Job Creation arm
- Renewable Energy stimulates job creation through construction of local facilities and development of domestic renewable resources and .....

- Reduces generation of electricity at pre-1977 coal fired facilities located in non-attainment counties
- Lifting non-attainment status in counties opens the door for new economic growth with fewer, costly air quality requirements



- While it is understood that renewable energy is emission free, it doesn't count in a Cap and Trade situation unless we recognize and account for their contribution by allocating allowances to renewable energy projects

- If renewable energy is not given allowances and continues to offset traditional generation, its only impact is to drive down the cost of allowances for other generating units, since traditional units would no longer have to generate the Kwh's produced at renewable facilities

## Ohio's Nox SIP Set-aside

- Conceptual discussions began in 1998-99
- Implementation begins in 2006
- 2% set-aside for Energy Efficiency and Renewable Energy and Innovative Technologies
- Represents approximately 900 Tons of Nox
- First round response – 4 projects requested

# Emissions Quantification Project

- DOE Special Project Funding – FY'2005
- Quantify the emissions impacts of the energy efficiency and renewable energy projects funded by the U.S. DOE State Energy Program, Weatherization Assistance Program and the State of Ohio's Energy Loan Fund
- Establish data collection protocols

## USEPA Clean Energy – Environment State Partnership

- Voluntary state-federal partnership helping states to develop cost-effective clean energy resources to achieve economic, public health, and environmental goals
- Access to tools and analysis, state-to-state peer exchange and communication support

