



Energy Pathways to a Cleaner Southern Environment

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Energy Work Group

Reps from state energy offices,
transportation, and air quality

SAMI Report: 50% Electricity Growth

Energy is Key to Environmental Health

Dual Strategy Needed

- Energy Efficiency
- Renewable Energy

Pathways

Southern Air Principles Summit: A Regional Strategy is Essential

Energy: Defining Progress by Emissions Reductions & Energy Saved

Air and Water Quality: Focussing on the Preventative Side

Energy Efficiency for Buildings

Focus on Public Buildings (New and Renovations)

Lead by Example: State Agencies and Universities/Community Colleges

K-12 Schools

Shift Energy Expenses to Needed Services (teacher salaries)

Alternative Financing: Performance Contracting and Bonds

Energy Efficiency in Industry

Large energy consumer with potential for rapid gains in efficiency

Makes industry more competitive

Focus on energy-intensive industries (Industries of the Future Program)

Expand existing energy audit, technical assistance and financing programs

Green Power

Provide Electric Consumer with option to purchase green power

Usually provided by utility at a premium

Sold as blocks of power or as % of use

TVA, GA, SC and NC

Southeast Summit: May 8-9 in Raleigh

Encourage utilities to offer green power

Consider state education campaign

Maintain regional communication

Distributed Generation

Need improved interconnection standards

For small users, net metering allowed in 36 states and needed in South

Must ensure it is clean---concern by regulators that it will worsen air quality

Renewable Portfolio Standards

Requires X% of new or existing electric supply come from renewable sources

About 12 states have RPS

Ensures gradual transition to Renewable Energy

Trading among suppliers often allowed

Impact likely to be greater than Green Power

Legislation Needed

Financing

Utilities dropping Energy Efficiency, R&D, and Renewable Energy Funding

Public Benefit Fund provides a pool of funds for Energy Efficiency, Low Income & Renewable Energy

Small Wires Charge (1-3 mills)

Funds for End User, Investment and R&D

Nearly 20 states have PBF (VT & WI)

Other State Strategies

Developing a State Energy Policy that has environmental concerns as driver

Getting Energy Strategies Into the State Implementation Plan for Air Quality

Developing the State Energy Plans based, in part, on emission reductions

For more information

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