



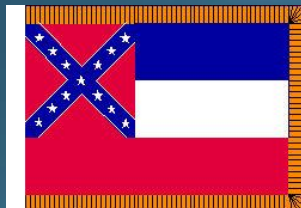
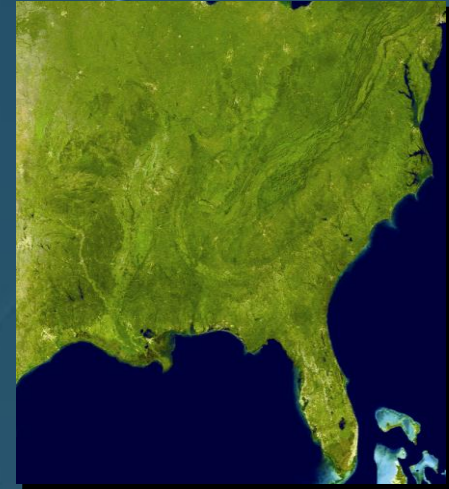
SOUTHEAST ENERGY EFFICIENCY ALLIANCE

Renewable Energy Markets
Conference
September 15, 2009

Who is SEEA?

The Southeast Energy Efficiency Alliance builds regional partnerships to promote and achieve energy efficiency for a cleaner environment, a more prosperous economy, and a higher quality of life.

- Covering 11 southeastern states
- 71 million residents





SEEA Participants

- State, federal & local governments, electric and natural gas utilities, businesses (energy users and efficiency suppliers), and Non-Governmental Organizations (NGOs) (environment, low income housing, etc.).





Potential Study for the South

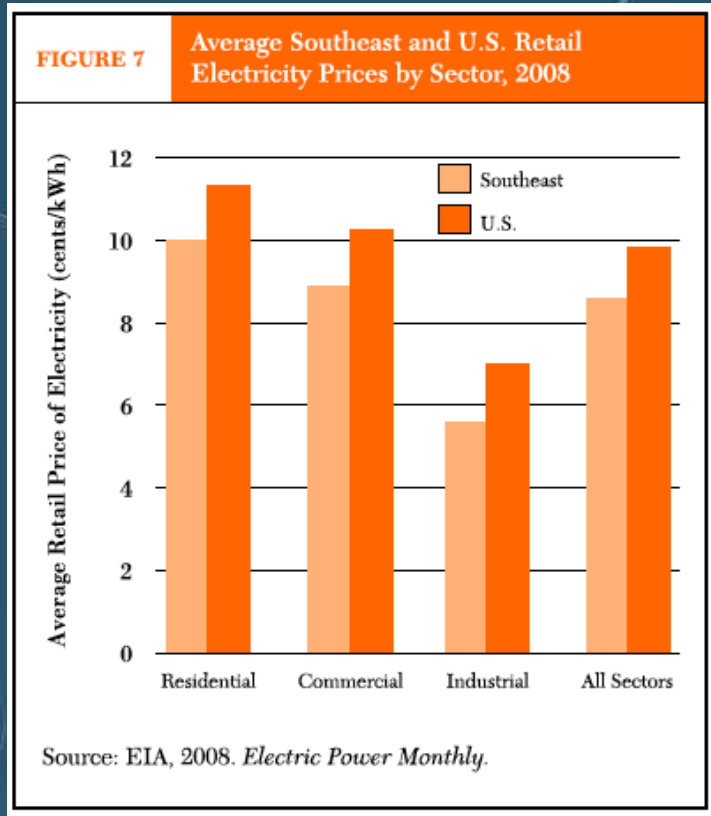
- Comparative review of 19 studies (August 2009)
- “Cost-effective” investments can reduce energy consumption in the South by 1.5% per year
- With vigorous policies, 1.0% per year is “achievable”
- Achievable investments entirely offset the need to expand electricity generation through 2020



NICHOLAS INSTITUTE
FOR ENVIRONMENTAL POLICY SOLUTIONS
DUKE UNIVERSITY



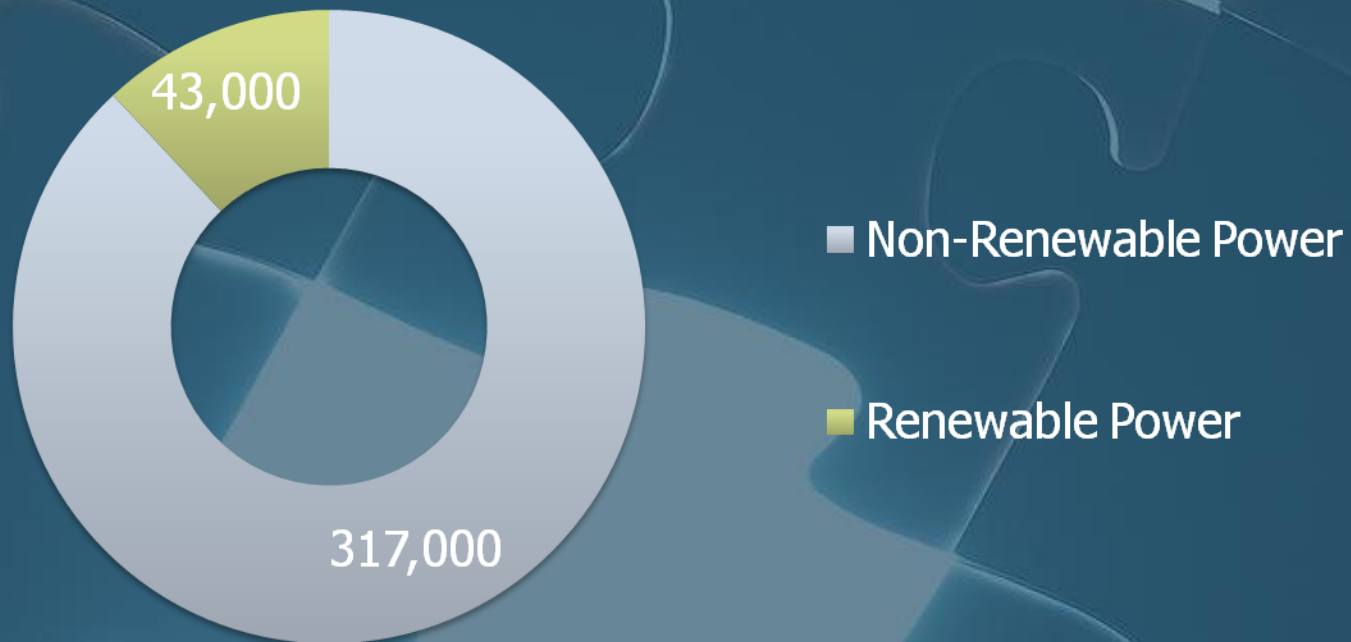
Electricity rates comparison



Electricity rates in the Southeast are lower in all sectors than the average rates in the United States



Current Southeast Renewable Energy Use (GWh)



Southeast state specific renewable energy potential

TABLE 1 State-by-state renewable energy potential, as a percentage of 2006 total electric power sales

	Feasible renewable electric power potential (as % of 2006 sales)		
	Current generation	Near-term potential	Mid-term potential
Alabama	12	41	61
Florida	3	11	20
Georgia	4	25	39
Mississippi	3	77	113
North Carolina	5	29	42
South Carolina	3	21	33
Tennessee	7	31	44
Virginia	3	20	31
Southeast Total	5	26	40

Note: Several states with relatively lower electricity demands have renewable resources that amount to significant portion of total sales.

The need for rules to integrate renewables into electricity grid

TABLE 4 Southeast state grades from a 2008 study of net metering and interconnection rules

	Net Metering	Interconnection
Alabama	n/a	n/a
Florida	A	D
Georgia	F	F
Mississippi	n/a	n/a
North Carolina	F	B
South Carolina	F	F
Tennessee	n/a	n/a
Virginia	C	F

Source: Network for New Energy Choices. "Freeing the Grid." Available online: www.newenergychoices.org/uploads/FreeingTheGrid2008_report.pdf.

Note: Grades indicate whether existing state policies and rules facilitate renewable electricity opportunities with distributed power generation. Grades range from "A" (encourages renewable energy resources, no major additional restrictions or barriers) to "F" (rules discourage renewable power production with significant additional regulatory and cost barriers). A grade of "n/a" indicates there is no statewide policy.

Southeast policy makers and regulators should advance strong interconnection policies that will enable stable electric power supplies from third-part generators.

A cluster of several interlocking puzzle pieces is positioned in the top left corner of the slide. The pieces are light blue and have a subtle shadow effect.

Contact

Ben Taube

Executive Director

Southeast Energy Efficiency Alliance

Atlanta, GA

Phone: 404-931-1518

Email: ben@seealliance.org

Website: www.seealliance.org