

2010 ARC Energy RFP

Community-Based Energy Projects: Planning and Implementation

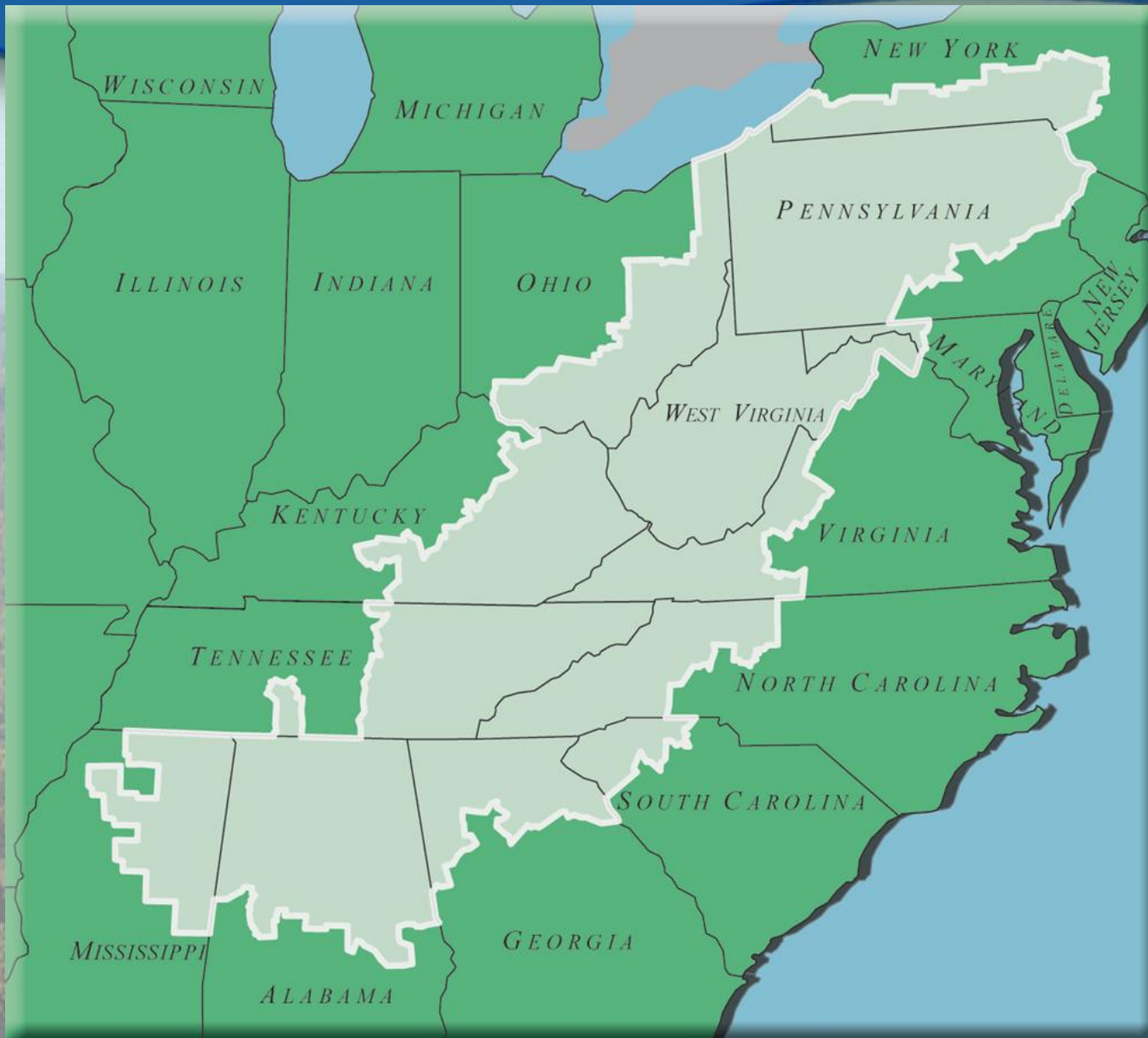
June 30, 2010



ARC's Mission

*ARC's mission is to be a strategic partner and advocate
for sustainable community
and economic development in Appalachia.*

Appalachian Region



- 13 states
- 420 counties
- 205,000 sq. miles
- 25 million people
- 73 local development districts

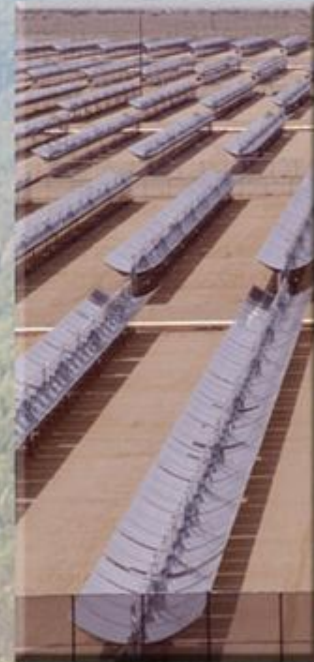
Appalachia is Rich in Energy Resources



Photo by Christopher Swope



Environmental Issues, June 2006

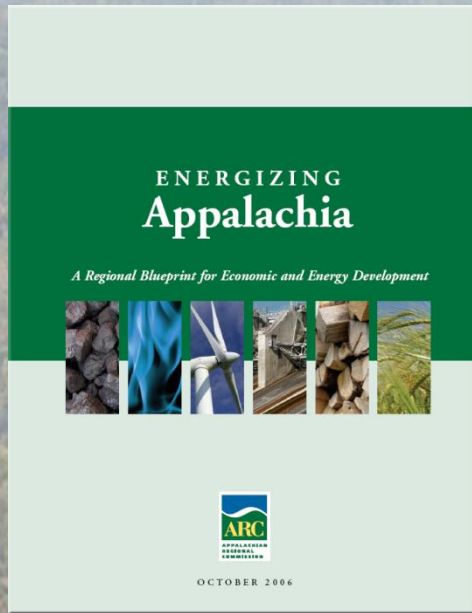


Energy Blueprint

Develop the Appalachian Region's energy potential to increase the supply of locally produced, clean energy, and to create and retain jobs.

Key Energy Sectors

- Promote Energy Efficiency
- Increase Renewable Energy Production
- Clean Conventional Energy Resources



Creating New Jobs



Courtesy of Joe Sherrick, Pennsylvania Energy Office



Courtesy of Brent Summerville, Western Carolina Renewable Energy Initiative



Courtesy of David Wallace, N.C. State Energy Office



Courtesy of Cox and Co., Inc.

Implementing the Energy Blueprint

- \$9.7 million in 122 energy-related projects
- Education for 5,000 trainees and students
- 1,000 energy jobs created or retained
- Four energy grant competitions: 2007 - 2010
- 6 Wind Workshops (NC, VA, PA)
- Clean Coal conference
- Green Energy / Green Jobs conferences
- USGBC LEED Green Associates trainings
- EE Construction Resolution approved, takes effect FY10

Partnerships

- **US Department of Energy – NREL**
- **Southface Energy Institute**
- **US Green Building Council**
- **American Wind Energy Association**
- **Southern Alliance for Clean Energy**
- **American Council for an Energy Efficient Economy (ACEEE)**
- **NEED – National Energy Education Development project**

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Goal: *To develop a community infrastructure which builds local demand and grows markets for clean energy enterprises, generating new energy jobs in Appalachia.*

Open Date: May 10, 2010

Close Date: August 31, 2010

Announcement Date: Fall, 2010

\$75,000 maximum per grant:

- **Topic I: Community Energy Plan Development—\$20,000 max.**
- **Topic II: Energy Project Implementation—\$55,000 maximum**

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- **Seven to fifteen grant awards.**
- **Applicants may apply for just Topic I—Community Energy Plan development, or both Topic I and Topic II—Energy Project Implementation activities.**
- **Topic II Energy Project Implementation activities will only be funded for projects that have received support for Community Energy Plan development under this RFP solicitation.**

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Community Energy Plan (CEP) Development

Up to \$20,000 may be provided to underwrite costs of developing and implementing a Community Energy Plan. CEPs offer a systematic approach to developing policies that integrate energy efficient structures, renewable energy, fuel efficiency, and conservation into a local regulatory and energy policy framework.

Energy Project Implementation

Up to \$55,000 may be provided to underwrite costs of implementing a demonstration energy efficiency or renewable-energy project. These projects must support and provide best practice examples for the implementation of the Community Energy Plan, funded in Topic I.

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Examples –

Wyoming County, West Virginia—Energy Efficient Schools

Hoover, Alabama—Alternative Fuels Vehicles

Madison County, North Carolina—Wind for Schools

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- **Application Format**
- **Who is eligible to apply?**

Local government, economic development organizations, local and regional development districts, regional commissions, state government, nonprofit organizations, and public and nonprofit educational institutions. Private for-profit organizations are not eligible to apply.

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Selection Criteria

- Feasibility of Proposal
- Capability of applicant
- Level of community support
- Articulation of Outcomes
- Outreach
- Sustainability
- Economic Distress
- Collaboration

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ARC Eligible Costs

- **Contractual costs for technical assistance for Community Energy Plan development and related activities.**
- **Purchase / licensing and implementation of renewable energy and energy efficiency curriculum and educational programming.**
- **Purchase and installation of renewable energy and energy efficiency equipment.**
- **Construction related costs. (Please note that ARC funded construction projects are subject to Davis-Bacon guidelines).**
- **Associated program costs, including: personnel, training and certification, travel, supplies and materials, and meeting expenses.**

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Resources

- **US DOE, Energy Efficiency and Renewable Energy, The Solution Center**
- **Community Energy Planning Tool, Oregon Department of Energy**
- **Energy Aware Planning Guide, California Energy Commission**
- **Climate Smart Communities: A Guide for Local Officials, NYSERDA**
- **A Renewable Energy Community: Key Elements, US DOE, National Renewable Energy Lab**
- **Clean States Energy Alliance**

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Technical Assistance Providers

- State Energy Offices
- ICLEI—Local Governments for Sustainability.
- Southface Institute, Atlanta, GA.
- MACED, Mountain Association for Community Economic Development, Berea, KY.
- Land of Sky Regional Council, Asheville, NC.
- Energy Services Program, Voinovich School, Ohio University, Athens, OH.
- Pennsylvania Energy Partnership
- Southern Alliance for Clean Energy (SACE), Knoxville, TN.

More information and resources on Energy Efficiency and Renewable Energy is available at:

www.arc.gov/program_areas/EnergyResources.asp

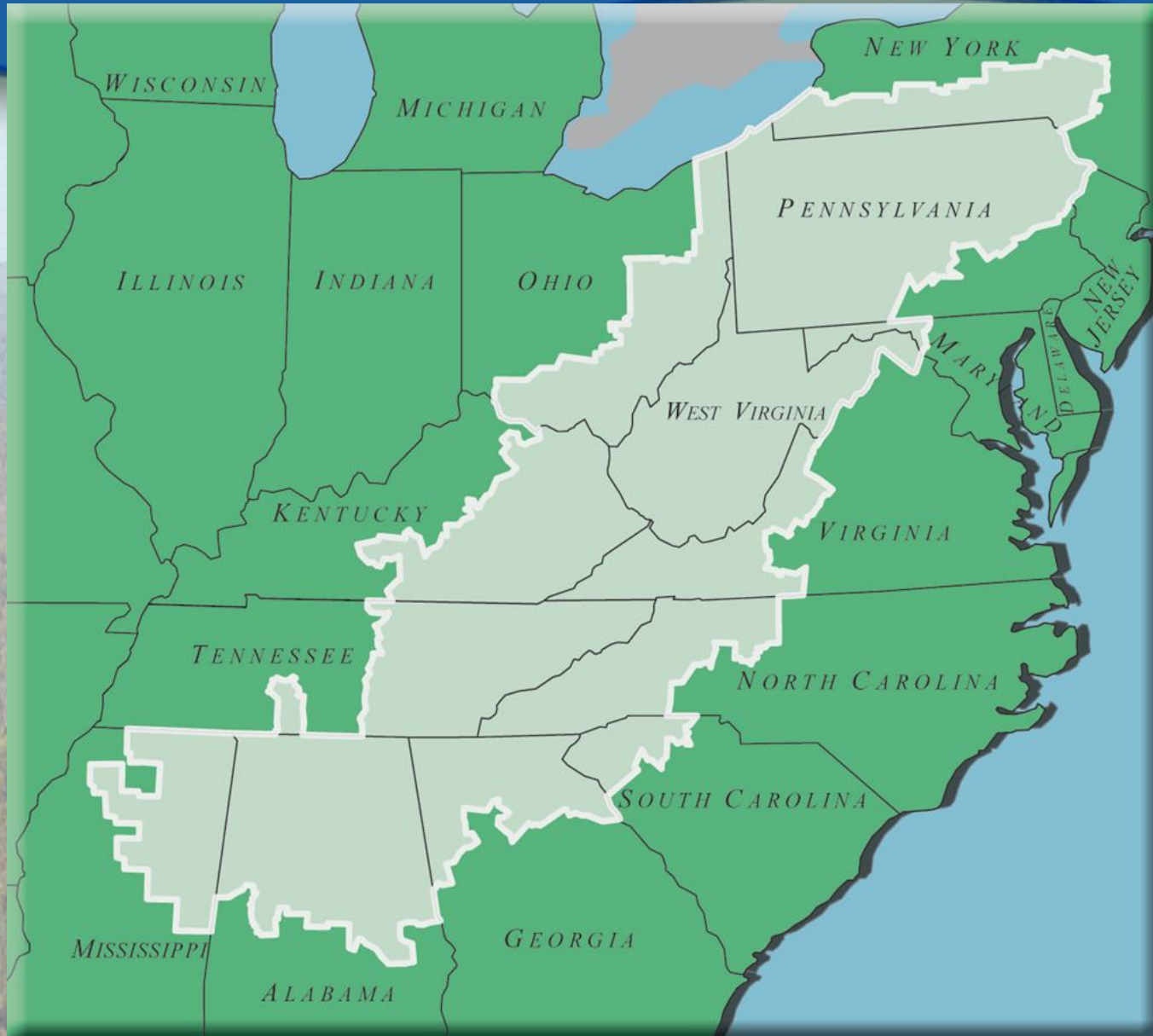


Questions?

Please submit questions using the Q&A tab.

*More information on the 2010 ARC Energy RFP can be obtained at:
www.arc.gov/energy*

Appalachian Region



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Please email questions to energy@arc.gov

