

Renewable Energy: Clean, Secure, Reliable



Finding What You Need

We can help you attain your goal of bringing secure, clean, and reliable energy to your community.

As a policymaker, your community looks to you for answers to energy questions. Finding energy sources that are secure in uncertain times, help stimulate the economy, and keep your community clean is an answer that everyone can appreciate.

But implementing new policies can be challenging. What clean energy technologies are reliable and will provide secure energy—even during emergencies—to your community? What renewable resources are available in your area? Who can help you make the best possible choices and policies?

The State and Local Initiatives team at the National Renewable Energy (NREL) can help you wade through energy-related information from the many excellent agencies, organizations, Web sites, and research.

As your liaison at NREL—one of the world's most respected research facilities on energy efficiency and renewable energy technologies—we can smooth your way. We will connect you to the people, resources, and information you need to help you make informed decisions, create sound policy, educate your constituency about energy security, and improve your economy and environment.

Smart energy decisions can help you decrease money spent on energy in schools, recruit high-tech jobs into your community, and pave the way to a cleaner and more secure energy future.

The State and Local Initiatives team has helped other states and communities with...

- Programs designed to meet specific state or community goals
- Informational expert testimony
- Policy reviews
- Resource assessments and cost data
- Clearinghouse information on other states' experiences
- Training and education
- Environmental analysis.

What does the State and Local Initiatives team do?

As a legislator, policymaker, or state or community leader, you may have questions about implementing or creating policies to improve energy security in your community.

NREL's State and Local Initiatives team can connect you to the latest research findings on technologies, economic analysis by our national experts, and policy trends and case studies from other states compiled by our experts.

By taking advantage of pooled information, ideas, resources, and expertise, you can make more effective energy decisions and policies that will keep you and your economy secure.



School Bus Fleet Magazine/PIX10923

Buses powered by renewable fuels such as ethanol or biodiesel are on the road in many cities. And although they look and perform like conventional buses, there's a big difference. Alternative-fuel buses are friendly to the environment—and to local farmers who grow the grain used to produce the fuel.

The State Energy Alternatives Web Site

www.eere.energy.doe.gov/state_energy

Imagine a Web site where you can click on your state and find out its potential for wind power or current cost information for renewable energy technologies.

The State Energy Alternatives Web Site was designed to help you find which technologies and policies will work best in your state. The site walks you through the policy options that lawmakers around the country are using to incorporate renewable energy into their state energy portfolios.

On the site, you'll find descriptions of many renewable energy technology options—wind, photovoltaics, biomass, solar thermal, concentrating solar power, geothermal, biofuels, and hydropower—as well as cost information and examples of existing applications.

Other Helpful Web Sites

States and Communities

Funding and Planning Resources

This site features links to DOE and other national programs that offer planning assistance, data, and funding for state and community programs.

www.eere.energy.gov/states

DOE Regional Office Locator Map

This is the place to find the DOE Regional Office nearest you. These offices work with states and communities to promote energy efficiency and renewable energy programs.

www.eere.energy.gov/rso.html

Smart Communities Network

Here you'll find a menu of information and services on how your community can adopt sustainable development as a strategy for strengthening your local economy, improving the quality of the environment, and enhancing the quality of life.

www.sustainable.doe.gov

Clean Cities

Visit this site for information about alternative fuels from the Clean Cities Program, which uses strong local initiatives and a flexible approach to building markets for these fuels, providing participants with options to address problems unique to their cities, and fostering partnerships to help overcome the problems.

www.ccities.doe.gov



Applied Power Corporation/PX08808

The Porter Square Shopping Center in Cambridge, MA, was renovated in accordance with Gravestor's (developer) "Green Bible" of environmentally sustainable real estate principles and practices. This work included installing a 20-kilowatt roof-mounted photovoltaic system that will produce enough electricity to power nearly all of the common areas of the center portion of the plaza.



National Center for Appropriate Technology/PX09349

Missoula Fire Station No. 4 is the first station in Montana to take advantage of solar power. The grid-connected photovoltaic system should produce about 6,500 kilowatt-hours of electricity a year. In the event of a grid outage, electricity stored in a battery bank will power circuits critical to the station's operations.



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