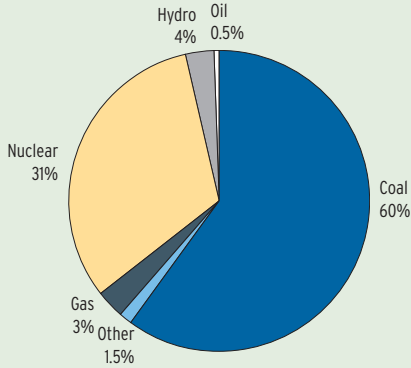




ncGreenPower

At-a-glance

Sources of North Carolina Electricity



Source: EIA State Energy Profiles 2005

- North Carolina possesses no significant indigenous fossil fuel resources.
- More than \$6 billion dollars annually leaves our economy to purchase resources from other states for fossil fuel production.
- North Carolina ranks eighth in the nation in total utility retail electricity sales, producing more than 120 million megawatt hours per year.

Fossil Fuels and the Environment

- Coal-fired plants produce pollutants that can increase cases of smog, acid rain, and mercury pollution, and can cause respiratory distress in humans. The significant release of CO₂ from fossil fuel combustion also may increase the potential for global warming.
- Air pollution has reduced the average visibility in the Smoky Mountains from 113 miles to 25 miles.
- The Centers for Disease Control and Prevention estimates that 8% of women of childbearing age have unsafe levels of mercury in their blood streams, which can lead to birth defects and brain damage in babies. Mercury is one of the most toxic forms of pollution released during fossil fuel combustion and is most commonly passed onto humans through consumption of fish. North Carolina frequently issues consumption advisories for largemouth bass, chain pickerel (jack fish) and bowfin (blackfish) caught East of I-95.

Why Use Renewable Energy?

- Improve regional air quality and environment.
- Sources for renewable energy are virtually everywhere and can be constantly replenished.
- Renewable energy will not run out – ever.
- Supports North Carolina jobs and economy.
- Helps to stabilize fuel supply and cost.
- Reduces dependence on fuel sources from other states and countries.
- It's the right thing to do for North Carolina!

Types of Renewable Energy



Solar



Wind

North Carolina abounds in potential renewable energy sources.



Animal waste methane



Landfill methane

NC GreenPower and You

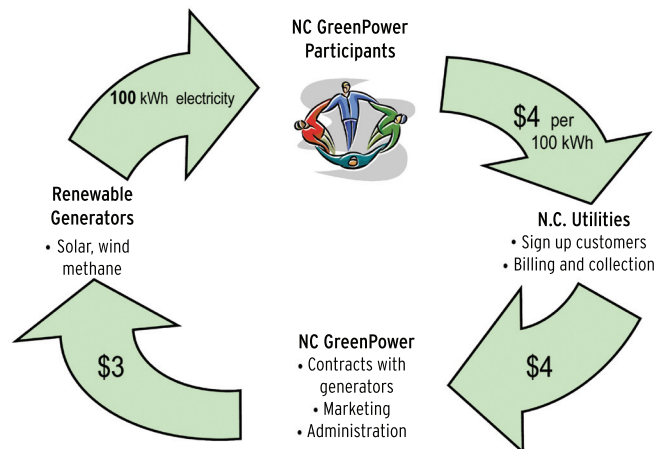
- Your tax-deductible contributions will go directly toward the purchase of renewable energy from independent generators located in North Carolina.
- You are building a cleaner energy supply, healthier environment and stronger economy for North Carolina now and for the years ahead.
- Each \$4 block of NC GreenPower subscribed monthly will annually offset approximately:

2497 pounds of carbon dioxide (CO₂)
972 pounds of coal required to produce the same energy



- The annual reduction of CO₂ emissions from one block of NC GreenPower subscribed monthly is equivalent to planting 192 trees, or not driving 3,039 miles or 73 days.

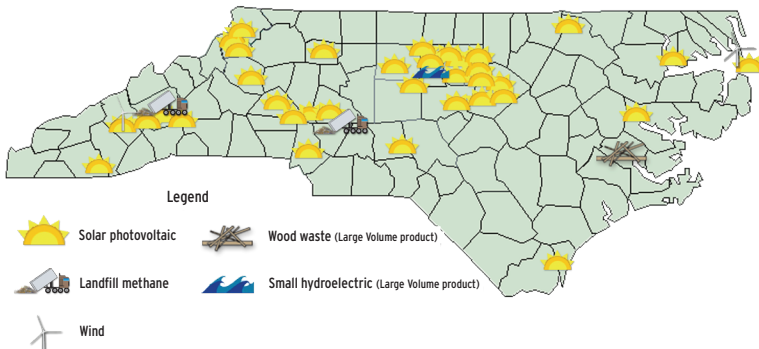
How NC GreenPower Works



ncGreenPower

At-a-glance

NC GreenPower Generators



Facts

- NC GreenPower is a statewide program designed to improve North Carolina's environment through voluntary contributions toward renewable energy.
- This landmark program, approved in 2003 by the N.C. Utilities Commission, is the first statewide, multi-utility green power initiative in the nation.
- Any resident of North Carolina may voluntarily contribute to the NC GreenPower program for as little as \$4 per month by signing up through their electric utility. Every \$4 contributed will fund the addition of one block of 100 kilowatt-hours of renewable energy to North Carolina's power supply. Contributions will be added to the customer's monthly electric bill. Electric utilities are voluntarily collecting funds and giving them directly to NC GreenPower.
- NC GreenPower is a voluntary program designed for monthly contributions. After two consecutive months of non-payment, residential participants will be removed from the program and must sign up again to make future contributions. One-time contributions also are welcome. Contributions are nonrefundable.
- Businesses and large-volume consumers may purchase green power at volume discounts.
- The entire contribution will be sent to NC GreenPower to fund renewable energy sources and the NC GreenPower program. The utility companies keep none of the money.
- Contributions are tax-deductible. NC GreenPower is a 501(c)3 nonprofit organization.
- Green power may not go directly to the individual contributor's home, but the energy generated from the renewable power sources will add energy to North Carolina's electrical supply that will benefit all North Carolinians.
- As with any new undertaking, converting renewable sources such as solar power and wind into electricity initially costs more than traditional energy sources. That's why NC GreenPower is asking for voluntary contributions to offer incentives to create more green energy.

Program Sponsors

Champion Level (\$24,000 or greater per year)

Advanced Energy
Dominion North Carolina Power
Duke Energy
GlaxoSmithKline
The Lenovo Hope Fund of the
Triangle Community Foundation
N.C. Dept. of Administration, State Energy Office
N.C. Dept. of Justice, Attorney General's Office
North Carolina Electric Membership Corporation
Progress Energy
Public Power
Smithfield Foods
State Employees' Credit Union Foundation
U.S. Environmental Protection Agency

Partner Level (\$9,000 - \$23,999 per year)

DTE Biomass Energy
IBM
Mast General Store
Santa Fe Natural Tobacco Company

Supporter Level (\$3,000 minimum per year)

Burt's Bees
Eisai
IIS-USA
N.C. Farm Bureau
N.C. Pork Council
Research Triangle Institute
Weaver Street Market

How Do I Participate?

- Call your local utility or sign up on their Website.
- Visit www.ncgreenpower.org to sign up or give the gift of cleaner energy to someone you care about.
- Request a free presentation for your group by the NC GreenPower Speakers Bureau.
- Call NC GreenPower toll-free at 866-533-NCGP.
- Send direct contributions to:
NC GreenPower
909 Capability Drive, Ste. 2100
Raleigh, NC 27606

