


ncGreenPower
The power to choose. The power to change.

**A
Cleaner Future**

Wind



- Emissions-free generation
- Improved acoustics and efficiency
- Scalable in size and cost
- Wind resources are geographic specific
 - Mountain ridges
 - Coastal areas

ncGreenPower
The power to choose. The power to change.

Wind energy economics

- Commercially wind generated electricity from good wind sites now costs about \$.05/kWh or less to produce when all incentives are included.
- Residentially wind generated electricity costs between \$.08 - \$.30/kWh depending upon resource, incentives, etc.
- Without the combined assistance of government and private incentives, many wind projects would not be economically viable.



ncGreenPower

The power to choose. The power to change.

NC GreenPower Program

- Involves investor-owned, municipal and rural electric cooperative utilities in North Carolina
- Voluntary and tax-deductible
- Electricity generated from renewable sources by independent power producers
- Energy Produced in North Carolina for North Carolinians



ncGreenPower

The power to choose. The power to change.

Stakeholders

- State Energy Office
- Investor-owned utilities
- Electric cooperatives
- Municipalities
- Public interest groups
- Suppliers (green power generators)
- Regulators
- Consultants



ncGreenPower
The power to choose. The power to change.

Objectives

- Improve quality of environment and public health.
- Increase amount of generation from cleaner renewable resources
- Create economic and technological benefits through investment in renewable generation

ENERGY • ENVIRONMENT • ECONOMY



ncGreenPower
The power to choose. The power to change.

Product Offering

- "Mass Market"
 - Solar
 - Wind
 - Methane
- "Large Volume"
 - Solar
 - Wind
 - Methane
 - Small hydro
 - Biomass
 - Agriculture waste
 - Animal waste
 - Clean wood waste



ncGreenPower
The power to choose. The power to change.

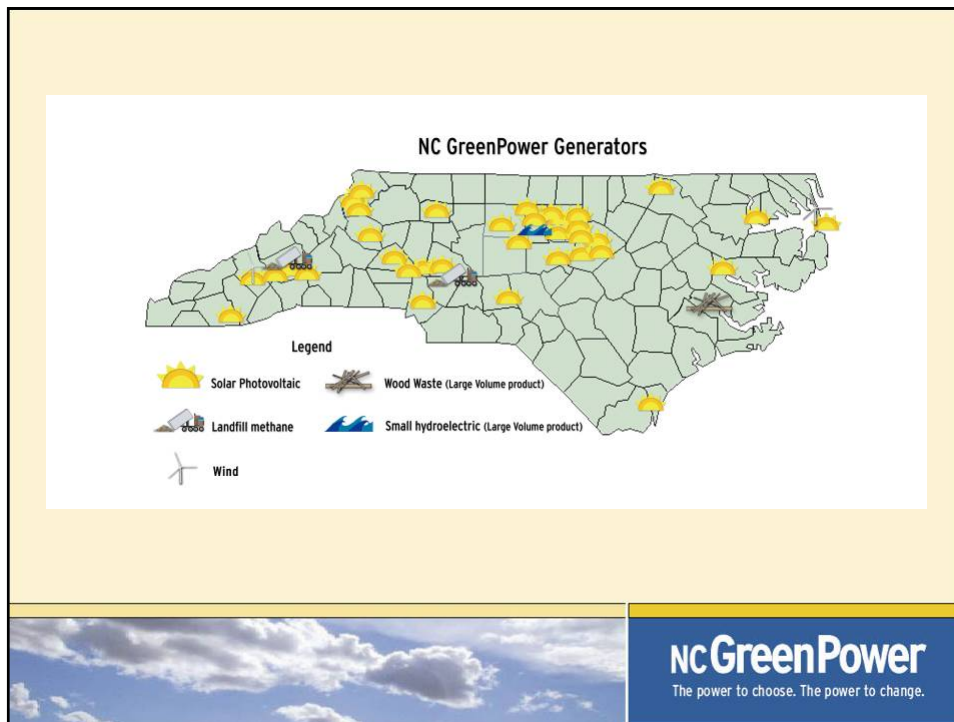
NC GreenPower Producers

as of September 2007

- Wind – 3
- Landfill methane gas – 2
- Biomass – clean wood waste – 1
- Small hydroelectric – 2 (including multiple sites statewide)
- Solar photovoltaic (PV) – 89
- Total – 97



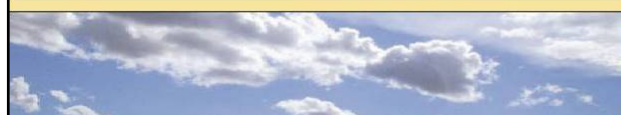
ncGreenPower
The power to choose. The power to change.



ncGreenPower
The power to choose. The power to change.

NC GreenPower Options

- \$4 per block
 - Designed for residential customers and small businesses
 - \$4 per block of 100 kWh
 - Minimum = One block or \$4 per month
- \$250 per 100 Blocks
 - Designed for large-scale industrial and commercial customers
 - \$2.50 per block of 100 kWh
 - Minimum = 100 blocks or \$250 per month



ncGreenPower
The power to choose. The power to change.

Brokered Bids

- The “Brokered Bids” product is for those who are willing to spend over \$25,000 annually.
 - These customers have access to the portfolio and can choose to sponsor all or part of a project, or even multiple projects.



ncGreenPower

The power to choose. The power to change.

Becoming a producer

- Wind power is a qualifying resource for all three products under NC GreenPower.
- Currently, NC GreenPower will pay up to \$0.06/kWh for wind power provided to the NC electric grid.
- This means the power must flow from the point of generation, through a meter and be delivered to the grid.



ncGreenPower

The power to choose. The power to change.

Becoming a producer

- For those that wish to become a producer for NC GreenPower there is an on-going bidding process.
 - An exemption to this is all small wind and solar PV sites that generate 10 kW or less. They have an expedited contract for a set rate.



ncGreenPower
The power to choose. The power to change.

Becoming a producer

- To become a producer, a bid sheet must be submitted.
 - It would include info such as:
 - Business information
 - Qualifications
 - Financial information
 - Project summary
 - Generation supplied/Premium sought



ncGreenPower
The power to choose. The power to change.

Becoming a producer

- Awards Process
 - First, the bid's eligibility will be evaluated.
 - If eligible, it will be selected for one or more of NC GreenPower's products:
 - Mass Market
 - Large Volume
 - Brokered Bids



ncGreenPower
The power to choose. The power to change.

Becoming a producer

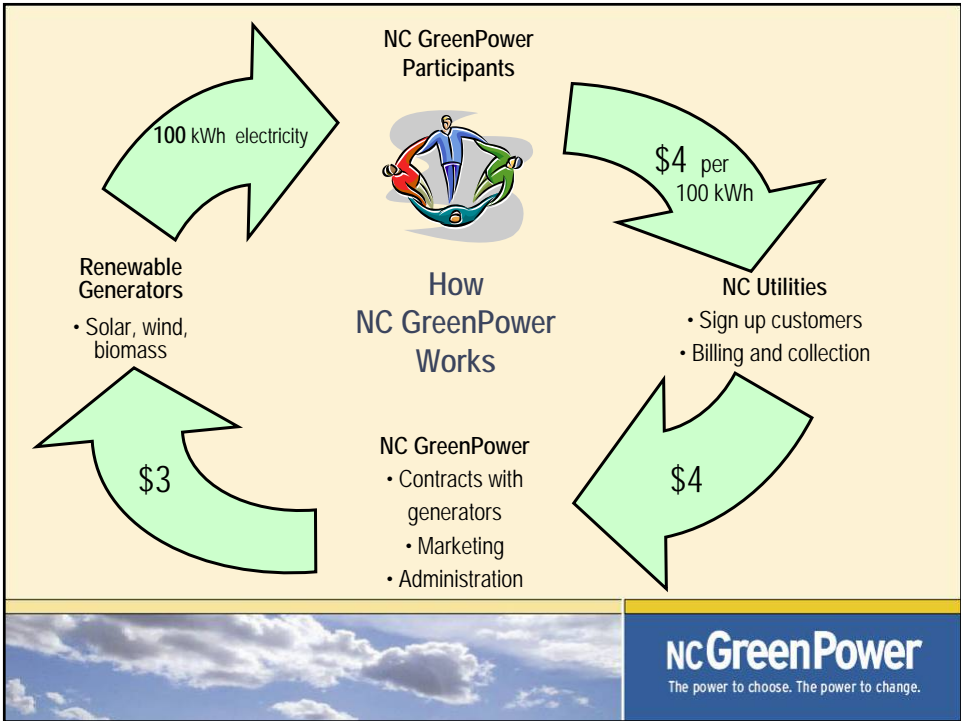
- Important considerations
 - Generators may select EITHER NC GreenPower OR the REPS
 - May not be both a green power provider and net metering
 - NC GreenPower does not fund equipment or interconnection
 - Small turbines of 10 kW and under are eligible for expedited contracts and fixed rates.
 - If multiple turbines are used on the same meter, the total capacity must be 10 kW or less for expedited contract status. Otherwise, the aggregate is treated as large-scale wind.

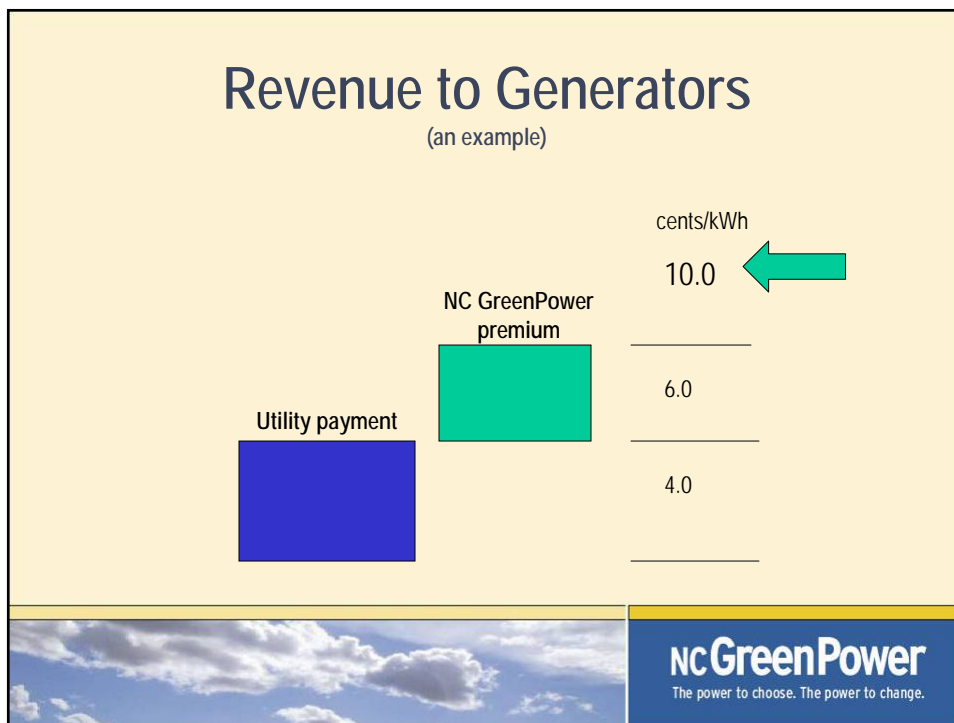
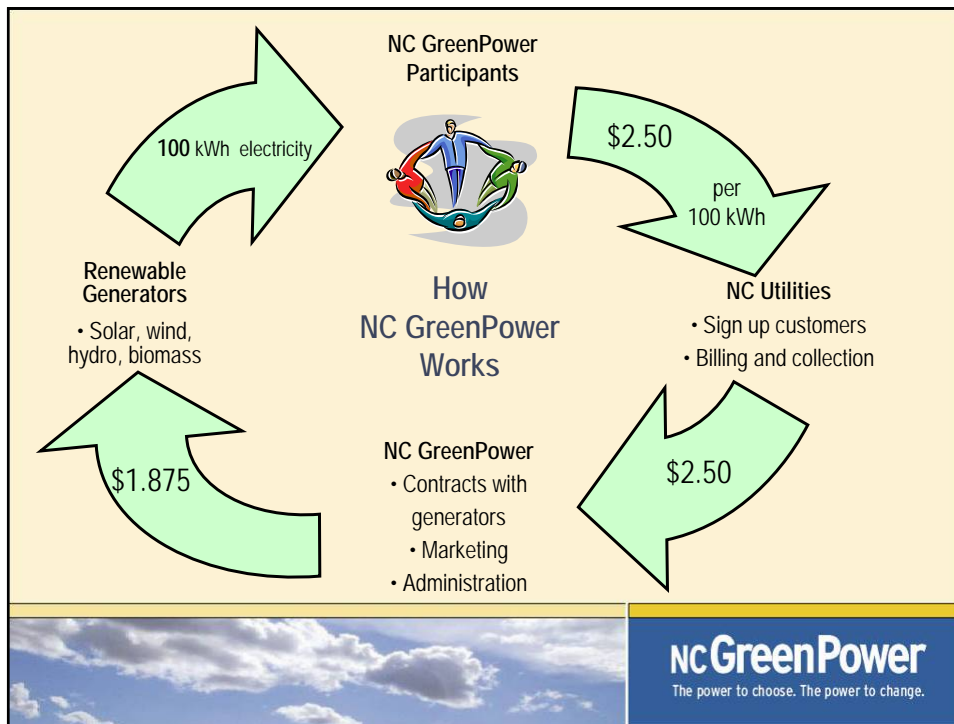


ncGreenPower
The power to choose. The power to change.

NC GreenPower premiums

- Derived from subscriber contributions
- Available to suppliers selected by bidding process or fast track
- Paid in addition to payment by servicing utility
- Payments made for actual power delivered to the grid
- Payments vary by resource
- Must be a North Carolina qualifying facility to participate





You are making a difference!

Each \$4 block of NC GreenPower subscribed monthly will annually offset:

2497 lbs. of carbon dioxide (CO₂)
972 lbs. 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.



ncGreenPower
The power to choose. The power to change.

Recognition of Our Business Leaders

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

Advanced Energy
Dominion North Carolina Power
Duke Energy
GlaxoSmithKline
Lenovo
N.C. Department of Justice –
Attorney General's Office
N.C. Department of Administration –
State Energy Office
North Carolina Electric Membership Cooperative
Progress Energy
Public Power
Smithfield Foods
State Employees' Credit Union Foundation
U.S. Environmental Protection Agency

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

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

Supporter (\$3,000 minimum per year)

Americap
Burt's Bees
Cary Printing
Eisai
IIS-USA
N.C. Farm Bureau
N.C. Pork Council
Research Triangle Institute
Weaver Street Market
Z. Smith Reynolds Foundation



ncGreenPower
The power to choose. The power to change.

It's as Easy as 1-2-3

- Call your electric utility company.
- Visit your electric utility company's Web site.
- Visit www.ncgreenpower.org
- Mail in reply from bill insert or brochure.
- Send direct contributions to NC GreenPower.

Your tax-deductible contribution will be added to your monthly electric utility bill.



ncGreenPower
The power to choose. The power to change.



ncGreenPower
The power to choose. The power to change.

NC GreenPower
909 Capability Drive, Suite 2100
Raleigh, NC 27606

www.ncgreenpower.org

866-533-NCGP

