PROJECT GREEN LIGHT

Sponsored by Environmental and Conservation Organization

Tax Credits:
Federal
North Carolina

SUMMARY OF FEDERAL TAX CREDITS FOR HOMEOWNERS

30% of cost, up to $1,500 maximum per homeowner for all improvements combined (2009 & 2010).

Category	Product Type	Minimum Requirement for Tax Credit
Insulation	Insulation	Meets 2009 IECC. Adding insulation to your home is covered.
Windows, Doors	Exterior	U factor <= 0.30,
Roofing	Metal, Asphalt	All ENERGY STAR qualified metal and reflective asphalt shingles
HVAC	Central A/C	*Split Systems :*EER >=13, SEER >= 16 *Package systems:* EER >= 12, SEER >= 14
	Air Source Heat Pumps	*Split Systems:* HSPF >= 8.5, EER >= 12.5, SEER >= 15 *Package systems:* HSPF >= 8, EER >= 12, SEER >= 14
	Gas or Propane Furnace	AFUE >= 95
	Oil Furnace	AFUE >= 90
	Gas, Propane, or Oil Boiler	AFUE >= 90
Water Heaters	Gas, Oil, Propane	Energy Factor >= 0.82, or a thermal efficiency of at least 90%.
	Electric Heat Pump	Energy Factor >= 2.0
Biomass Stove	Biomass Stove	Thermal efficiency rating of at least 75%

30% of the cost with no upper limit (through 2016)

Geo-Thermal Heat Pump	Geo-Thermal Heat Pump	Closed Loop: EER >= 14.1, COP >= 3.3 Open Loop: EER >= 16.2, COP >= 3.6 Direct Expansion: EER >= 15, COP >= 3.5
Solar Energy Systems	Solar Water Heating	At least half of the energy generated by the “qualifying property” must come from the sun.
	Photovoltaic Systems	Photovoltaic systems must provide electricity for the residence, and must meet applicable fire and electrical code requirement.
Small Wind Energy	Residential Small Wind Turbines	Has nameplate capacity of not more than 100 kilowatts.

This list is an abbreviated version of information found on:
http://www.energystar.gov/index.cfm?c=products.pr_tax_credits

Note: *Not all certifications and requirements are listed.*

NORTH CAROLINA

Incentives/Policies for Renewables & Efficiency

Eligible Renewable/Other Technologies:	Passive Solar Space Heat, Solar Water Heat, Solar Space Heat, Solar Thermal Electric, Solar Thermal Process Heat, Photovoltaics, Landfill Gas, Wind, Biomass, Hydroelectric, Renewable Transportation Fuels, Geothermal Heat Pumps, Spent pulping liquor, Direct-Use Geothermal, Solar Pool Heating, Daylighting, Anaerobic Digestion, Ethanol, Methanol, Biodiesel
Applicable Sectors:	Residential, Multi-Family Residential
Amount:	35%
Maximum Incentive:	$1,400 - $10,500 (varies by technology); $2.5 million for commercial applications
Carryover Provisions:	Single-family dwellings: excess credit may be carried forward five years

Reference NC tax form NC-478 and NC-478G

Information from: http://www.dsireusa.org/documents/Incentives/NC19F1.pdf

North Carolina Tax Credit Limits for Renewable Energy Technologies Renewable Energy Technology	**Credit Limit**	
	Residential Property	**Non-residential Property**
Solar Energy Equipment for Domestic Water Heating or Solar Pool Heating	$1,400 Per Dwelling Unit	$2,500,000 Per Installation
Solar Energy Equipment for Active Space Heating	$3,500 Per Dwelling Unit	$2,500,000 Per Installation
Solar Energy Equipment for Combined Active Space and Domestic Hot Water Systems	$3,500 Per Dwelling Unit	$2,500,000 Per Installation
Solar Energy Equipment for Passive Solar Energy	$3,500 Per Dwelling Unit	$2,500,000 Per Installation
Solar Energy Equipment for Solar Electric or Other Solar Thermal Applications	$10,500 Per Installation	$2,500,000 Per Installation
Solar Energy Equipment for Daylighting	N/A	$2,500,000 Per Installation
Wind	$10,500 Per Installation	$2,500,000 Per Installation
Hydroelectric	$10,500 Per Installation	$2,500,000 Per Installation
Biomass	$10,500 Per Installation	$2,500,000 Per Installation