How you can contribute to a 100% Renewable New York

arrange for an energy audit for your home or apartment

reduce your home energy consumption

keep a record of your energy use and note the reduction in your utility bill as you implement energy efficiency measures

install renewable energy (solar or wind) in your home or apartment for electricity or purchase green power from renewable energy companies or your utility company

consider installing geothermal power for heating and cooling

call on your school district to install or lease renewable energy for its schools

form a greening committee where you live and/or at your place of work

reduce fossil fuel consumption for transportation (use public transit, ride a bike, carpool, purchase a hybrid car or one with an alternative fuel source)

organize a house party or public meeting

call on your local municipality or county to adopt and implement a climate action plan

write a letter to the editor

contact your elected officials

Get Active, Get Involved!

To learn more about the Grassroots Campaign for 100% Renewable Energy in New York contact:

Bob Ciesielski, Chair, Energy Committee, Sierra Club Atlantic Chapter at: rmciesie@yahoo.com

Share this brochure with friends and distribute it at public events.

For an electronic version of the brochure and other resources, visit the Web site of the Sierra Club Atlantic Chapter: http://newyork.sierraclub.org

Sierra Club Atlantic Chapter
Grassroots Campaign for 100% Renewable Energy in New York State

newyork.sierraclub.org
About the Grassroots Campaign

A recent study by Stanford University professor Mark Z. Jacobson et. al outlines how New York State can be powered with wind, water, and the sun. The study outlines the environmental, social, and economic benefits from converting to renewable energy.

This campaign is especially important in New York because we must offer a comprehensive energy plan which illustrates how renewable energy rather than natural gas extraction is the way to meet our energy needs, promote economic development, and create new sources of revenue.

Energy Conservation and Efficiency

In order to achieve 100% renewable energy, we must reduce our energy consumption through conservation and efficiency measures. For information about incentives for energy audits and efficiency, contact the New York State Energy Research and Development Authority (NYSERDA) at 1-877-NY SMART or http://www.nyserda.ny.gov/residential

Renewable Energy

We can and must transition from fossil fuels (coal, oil, and natural gas) to renewable energy such as solar, wind, water, and geothermal.

Solar thermal and photovoltaic power

If your rooftop has sufficient solar potential, you can save on your energy bills by installing solar thermal panels to heat water and/or solar photovoltaic (PV) panels to generate electricity. You can purchase your own solar array or lease an array with an option to purchase.

NYSERDA list of solar thermal installers:

NYSERDA list of solar photovoltaic installers:
http://www.nyserda.ny.gov/Contractors/Find-a-Contractor/Photovoltaic-Installers.aspx

For solar leasing options, see

Wind Power: http://www.awea.org
and www.wind-works.org


Green Power Purchasing Options

Individuals, corporations, institutions, universities and schools can purchase electricity from renewable sources of energy. For green power options in NYS, see:

Resources on climate change, energy conservation and efficiency, and renewable energy

Sierra Club Atlantic Chapter
http://newyork.sierraclub.org

Climate change updates
www.climatecentral.org

Calculate Your Ecological Footprint

Cooler Smarter: Practical Tips for Low Carbon Living (Union of Concerned Scientists, 2012)
www.coolersmarter.org

Unwaste New York http://unwasteny.org

New York Solar Energy Society
http://nyses.org

Global Campaign for 100% Renewable Energy Cities
Go100percent.org
http://www.go100percent.org/cms

How Green Is My Town?
http://www.howgreenismytown.org

DEC Climate Smart Communities
http://www.dec.ny.gov/energy/50845.html

Fossil Fuel Divestment
http://gofossilfree.org

Energy Efficiency Options

● CFL and LED light bulbs (CFL’s contain mercury, recycle at Home Depot)
● Energy Star appliances, especially air conditioners, refrigerators, washers/dryers
● Insulation, weather stripping
● Thermal windows
● Tankless water heaters
● Solar thermal hot water heating
● Heat recovery ventilation systems
● New and more efficient boilers

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