

## How you can contribute to a 100% Renewable New York

Arrange for an energy audit for your home or apartment for energy conservation

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 or electric car)

Organize a house party or public meeting

Call on your local city, county, town, village or school district to adopt and implement a climate action plan

Write a letter to the editor and comment at hearings and town meetings

## Get Active, Get Involved!



To learn more about the Grassroots Campaign for 100% Renewable Energy in New York, and for a downloadable version of this brochure go to the **Sierra Club Atlantic Chapter website at:** [www.newyork.sierraclub.org](http://www.newyork.sierraclub.org)

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

## SWITCH TO RENEWABLE ENERGY



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



[newyork.sierraclub.org](http://newyork.sierraclub.org)

## About the Grassroots Renewable Campaign

The 2015 New York State Energy Plan has set a goal of 50% of the state's electricity being produced by renewable energy sources by 2030. The Plan also calls for a 40% reduction in greenhouse gas emissions (GHG) below 1990 levels. The Clean Energy Standard is being developed to insure these goals are met.

Renewable energy does not include nuclear power or fracked methane gas. The 2030 goals are an important starting point to meet our energy needs, promote economic development and new source of revenue, and to protect our environment and society.

The study of Mark Z. Jacobson outlines how NYS can be completely powered by wind, water and sun.

<http://www.thesolutionsproject.org/infographic/#ny>

## Energy Conservation and Efficiency

In order to achieve renewable energy goals, we must reduce our energy consumption. The NY Energy Plan also calls for a 23% reduction from 2012 energy consumption in buildings by 2030. For information about incentives for energy audits and efficiency, contact the NYS Energy Research and Development Authority (NYSERDA) at 1-877-NYSMART or <http://www.nysERDA.ny.gov/residential>

## Energy Efficiency Suggestions

- LED light bulbs
- Energy Star appliances, especially air conditioners, refrigerators, washers/dryers
- More insulation, weather stripping
- Thermal windows and walls
- Heat recovery ventilation systems

For information on Passive Homes, see <http://nypassivehouse.org>

## Renewable Energy

We can and must transition from fossil fuels (coal, oil, and natural gas) and nuclear to renewable energy such as solar, wind and water. For info on the reduced costs of wind and solar, see <http://cleantechnica.com/>

## Solar thermal and photovoltaic power

You can save on your energy bills by purchasing or leasing and installing solar thermal panels to heat water and/or solar photovoltaic (PV) panels to generate electricity. <http://nyses.org>

NYSERDA solar thermal installers list: <http://www.nysERDA.ny.gov/Contractors/Find-a-Contractor/Solar-Thermal-Installers.aspx>

For solar leasing options, see:

<http://tinyurl.com/SierraClubSolar> and <http://tinyurl.com/EPASolar>

**Wind power:** <http://www.awea.org> and [www.wind-works.org](http://www.wind-works.org)

**Geothermal:** <http://ny-geo.org>

**Electric Vehicles:** For Sierra Club's EV Campaign, see <http://content.sierraclub.org/evguide/go-electric>

## Green Power Purchasing Options

Individuals, corporations, institutions, universities and schools can purchase electricity from renewable sources of energy. For green power options in NYS: [http://apps3.eere.energy.gov/greenpower/buying/buying\\_power.shtml?state=NY](http://apps3.eere.energy.gov/greenpower/buying/buying_power.shtml?state=NY)

## Resources on climate change, energy conservation efficiency, and renewables

(We do not endorse the use of fossil fuels)

**Advances in Renewable Energy**  
[www.greenpeace.org/international/en/publications/Campaign-reports/Climate-Reports/Energy-Revolution-2015/](http://www.greenpeace.org/international/en/publications/Campaign-reports/Climate-Reports/Energy-Revolution-2015/)

**Calculate Your Ecological Footprint**  
<http://www.footprintnetwork.org/en/index.php/GEN/page/calculators>

**Cooler Smarter: Practical Tips for Low Carbon Living (Union of Concerned Scientists)** [www.coolersmarter.org](http://www.coolersmarter.org)

**Energy Waste**  
<http://unwasteny.org>

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

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

**Agriculture, Food & Climate Change**  
<http://www.theguardian.com/environment/2010/jun/02/un-report-meat-free-diet>

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

**Fossil Fuel Divestment**  
<http://gofossilfree.org> and <http://www.nysenate.gov/legislation/bills/2015/S5873>