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# Chester County Ready for 100 invites you to

## Sat Chester County OCT CLEAN ENERGY 19 Open House Tour

### Southern Tour: 10am to 1pm

Romeade Farm,  
548/550 School House Rd., Kennett Square

Enjoy a beautiful fall ride through some of Chester County's most beautiful areas and learn about clean energy options. Southern Chester County area sites also include America's oldest mushroom farm, Longwood Gardens, a municipal building with charging stations and shaded parking, solar battery back-up system, geothermal, 1840's solar barn and low emission homes. See a PECO energy audit in action using the blower door test to identify leaks and where insulation is needed. Stop by environmental leader, Victory Brewing in Parkesburg, for lunch before joining another afternoon tour if you like. (For GPS look for label for Dr. Elizabeth McKinstry, Veterinarian)

### Eastern Tour: 10am to 4pm

Wayne Central Baptist Church  
106 W. Lancaster Ave, Wayne

The church set a goal of being 100% carbon neutral. The Eastern tour also includes inspiring homes, Jenkins Arboretum, schools with solar and a green roof, a local sports facility and an HOA with solar!

### Northern Tour: 10am to 4pm

Camphill Village Kimberton Hills Café  
1601 Pughtown Rd., Phoenixville

Start the tour at Camphill Village's stunningly picturesque farm land, learn about their many inspiring sustainability efforts and grab brunch or lunch at the Camphill Café. Other sites include an exotic small business, public electric vehicle stations in Uwchlan township, the West Vincent Sustainability Fair at a local school, homes with solar and passive house designs, a solar robotic lawn mower, and enjoy a cup of tea cooked on biogas.

### Central Tour: 10am to 4pm

1019 Ashley Rd., West Chester

The Central Chester County loop includes a municipal building, Passive House designs, outstanding University facilities (afternoon only) and homes retrofitted for geothermal and electric heat pumps, ground and roof mounted solar and renewable back-up systems. The tour spans the Greater West Chester and Downingtown/Coatesville areas. Grab lunch at Downingtown's Solarized Victory Brewing or sample wines at Stargazers Vineyard (on the tour).

Join Us to Celebrate | 4:30pm at Victory Brewing | Solar Brewery Tour at 5:00pm  
Downingtown's Victory Brewing | 420 Acorn Lane, Downingtown, PA 19335

# CHESTER COUNTY IS READY FOR 100!

Transitioning to 100% renewable energy has become a leading strategy for businesses and communities aiming to cut costs and pollution, boost the economy, and pursue ambitious climate action. With the support of Sierra Club members and volunteers, local residents, and partner organizations, 9 states, 11 counties and over 134 cities in the United States have committed to transition to 100% clean energy. This list represents more than one in four Americans, comprising tens of millions of people and over 20% of total energy consumption nationwide. Many of these communities aim to achieve their 100% goals by 2035

or earlier, while others have already achieved this goal and are reaping the benefits.

Chester County Ready for 100 communities include the Boroughs of West Chester, Phoenixville and Downingtown and these townships: Kennett, Tredyffrin, Schuylkill, Charlestown, East Pikeland, Uwchlan, and East Bradford.

**Is your community on the list of Ready for 100? Could your community be next?** Contact Jim Wylie to learn more: [jim.wylie@verizon.net](mailto:jim.wylie@verizon.net)

## Efficiency and Renewable Business Leaders

### Endorser:

Greater West Chester Chamber of Commerce: [greaterwestchester.com](http://greaterwestchester.com)

### Business Clean Energy Honorable Mentions:

Evergreen Environmental (West Chester) | Kimberton Whole Foods | Victory Brewing | Visual Technology  
 Pink Ribbon Farm | Mark Troupe Autobody (Honeybrook) | Graber Supply Company (Atglen) | Baar Products  
 Heritage Metal | If it's Water Pools | O'Neill and Sons | Pro-Signs | Hilton Garden Inn (Exton)  
 Reardon Dental (Downingtown) | Heather Hill Farm (West Chester) | Omnicable (West Chester)  
 CertainTEED (Malvern) | Aqua Pickering Plant | Blue Moon Florist | Dansko | Tri-M | Wells Fargo (West Chester)  
 Yates Mushrooms | Eagleview Senior Units | Windy Pine Farm (Oxford) | The 5 Senses (West Chester) | Hershey  
 Mills geothermal villages (East Goshen) | Ar-Joy Farm (Cochranville)

### Local Government Endorsers

Mayor Josh Maxwell | Chester County Commissioners | The Chester County Planning Commission  
 State Senators Andrew Dinniman and Tom Killion | Representative Christina Sappey  
 Representative Carolyn Committa | Representative Melissa Shusterman  
 East Pikeland Township | Tredyffrin EAC | Uwchlan Township and Uwchlan EAC | West Vincent Township EAC

### Clean Energy Municipal Honorable Mentions

West Bradford Township Building | West Vincent Township Building  
 Chester County Govt Building, West Chester | Whitehall Apartments Passive House Award, Spring City

### Non-profits endorser

Citizens Climate Lobby | Earth Quaker Action Team | PennEnvironment | Phoenixville Green Team  
 Physicians for Social Responsibility | Stroud Water Research Center | West Chester Green Team

### Non-profits, Houses of Worship and Schools Clean Energy Honorable Mentions

Westtown School | West Chester Friends | Church Farm School | Phoenixville Schools  
 Cheney University | Henderson High School | Stroud Water Research Center | Keshet Isreal | Calvary Lutheran  
 Green Valleys Association | Habitat for Humanity homes, Coatesville | Birmingham Quaker Meeting  
 Advent Lutheran Church (West Chester)

**The Chester County Clean Energy Tour is organized by Chester County Ready for 100:**

[sierraclub.org/pennsylvania/southeastern/ready-for-100-chester-county](http://sierraclub.org/pennsylvania/southeastern/ready-for-100-chester-county)

Thanks also to Kathy McLaughlin for graphic design ([idesigncommunications.com](http://idesigncommunications.com)), our valiant intern Kara Thorpe, our printers Sir Speedy and SpeedPro Imaging for their donations of time and material, and all the many volunteers that made this day possible.

# WHAT ARE THE BENEFITS OF 100% RENEWABLE?



The choices we make today will determine what the next generation will inherit in Pennsylvania. 100% Renewable Energy is technically feasible, economically advisable, socially imperative and environmentally inevitable.

**Let's not leave this to our children!**

**Improve public health** - reduce the breathing problems, neurological damage, heart attacks, cancer, premature death, and a host of other serious problems associated with fossil fuels. Wind, solar, and hydroelectric systems generate electricity with no associated air pollution emissions. Going to renewables saves \$600 billion in health related costs.

**Inexhaustible energy sources** - Wind, sun, heat from the earth, and fast-moving water are widely available and are constantly replenished supplies of energy.

**Jobs and a stronger local economy** - The renewable energy industry has become a major U.S. employer. E2's recent Clean Jobs America report found nearly 3.3 million Americans working in clean energy – outnumbering fossil fuel workers by 3-to-1.

**Limit impact of climate change** - Increasing the supply of renewable energy would allow us to replace

carbon-intensive energy sources and significantly reduce US global warming emissions.

**Stable energy prices** - Renewable energy is providing affordable electricity across the country right now, and can help stabilize energy prices in the future. Economics are driving both sides of this equation: Building new renewable energy is cheaper than running existing coal plants and prices get cheaper every year. By 2025, almost every existing coal plant in the United States will cost more to operate than building replacement wind and solar within 35 miles of each plant.

Multiple states and utilities are setting 100% clean energy goals, creating new demand for workers to build solar panels and wind turbines. Planning for the inevitable coal-to-clean economic transition can create new economic opportunities in every corner of the country.

**Reliability and resilience** - Wind and solar are less prone to large-scale failure because they are **distributed** and modular. Distributed systems are spread out over a large geographical area, so a severe weather event in one location will not cut off power to an entire region.

## Simple Household Level Steps For A Clean, Healthy, Safe Home

<b>Schedule a PECO Energy Audit</b> - Cost is \$25 and you will be given up to \$125 in free energy saving products including LED lights, smart power strips, and water saving devices.	<b>Check your attic and duct system for adequate insulation and increase/replace if needed</b> - In a typical house 20-30% of the air moving through the duct system is lost due to leaks. The recommended level for most attics is to insulate to R-38 or about 10 to 14 inches.
<b>Replace incandescent light bulbs with LED bulbs</b> - (LEDs use 80% less energy)	<b>Change to a renewable electricity provider</b> - Go to <a href="http://papowerswitch.com">papowerswitch.com</a> to choose 100% renewable electricity.
<b>Buy "Smart Power Strips" for your TVs and computers.</b> (save 10% on energy bill)	<b>Buy Local</b> Reduce transportation costs of goods and food you buy. Eat lower on the food chain (more plants!) for heart health and emissions reductions.
<b>Install and set a programmable thermostat</b> - Savings vary.	<b>Install your own solar system</b> - Go to: <a href="http://solarizesoutheastpa.wordpress.com">solarizesoutheastpa.wordpress.com</a> Install power wall for emergency back up
<b>Seal air leaks by your windows, doors, and in your attic</b> - This can save you as much as 30% depending on how drafty your home is.	When you have to replace your heating system, do so with <b>geothermal or high efficiency electric heat pumps</b> .
<b>Make your next car electric</b> - Electric cars and/or plug-in hybrids are available from most car manufacturers.	<b>Replace HVAC filters regularly</b> and have someone come out to clean, inspect, and maintain your system once or twice a year.
<b>Buy Energy Star appliances</b>	<b>Reduce single use plastics</b>