

### 3 SIMPLE STEPS TO SWITCH YOUR HOME TO RENEWABLE POWER

Burning fossil fuels to make electricity is a large contribution to climate change. You have the ability to reduce fossil fuel use by converting the source of your electricity to renewable energy.

#### 1. Get your PECO account number and find your actual usage

#### 2. Go to [www.papowerswitch.com](http://www.papowerswitch.com). Click on shop for electricity-for-your-home.

- Enter your zip code. Click see full results. It will tell you how many options you can consider, most are not renewable energy.
- Click renewable energy under special programs and then click filter results.
- For each company listed, you will get the name of the company, the telephone number, price per kWh and estimated price per month and the following information:

Price Structure: Fixed/ variable Discount Available: yes/ no Introductory Price: yes/no

**Renewable Energy:** 100.00% (Some companies offer a proportion of renewable).

Cancellation Fee: yes/ no Term Length: Varies from 3 months to 2 years. Monthly Fee: yes/no

Term End Date: yes/ no. Enrollment Fee: yes/ no

- Click the websites of the companies you prefer for more information. You can check the Product Content Label to confirm the source of renewable energy and percentage of renewable energy.
- You will get many options and ways to learn more about each option. Currently 34 companies offer 100% renewable plans.

#### 3. Call the companies whose offers appeal to you, ask questions and check out the offers.

- Once you sign up for another energy supplier company, that company will notify PECO.
- You will still get the same PECO bill and will not have to pay the supplier of the energy directly.

**Rates change constantly and vary tremendously among the companies.**

Example is for zip code 19004.

PECO energy cost per kWh = \$0.068. This is what you want to compare the other companies to. Estimated cost per month \$47.65 (this is an average and probably not what you use. Also this price is just for the electricity used, not fees, taxes, etc.).

**As of 10/17/18, 3 companies (Agway, Indra, and Inspire) offer 100% renewable energy cheaper than PECO's rates.** These may be introductory rates. Check the fees, terms, etc. carefully.

**This information does not endorse any particular company.**

For more information go to [http://www.puc.state.pa.us/consumer\\_info.aspx](http://www.puc.state.pa.us/consumer_info.aspx)

## **Reaching 100% Renewable Energy in Pennsylvania**

### **The Facts**

- Clean energy prices fell dramatically between 2008 and 2015
  - Rooftop solar prices dropped 54% , Utility scale solar prices dropped 64%
  - Wind energy prices dropped 41%
  - Renewable energy battery storage prices dropped 73%
  - LED light bulb prices fell 94%
- In March, 2017: 10% of America's electricity was produced by wind and solar energy
- America produced 43 times more solar in 2017 than in 2007
- By 2025, solar could be cheaper than coal globally
- The average american used 10% less energy in 2017 than in 2007
- Electric vehicle sales increased by 40% from 2015 and 2016, and increased by 44% from 2016 to 2017
- From 2016 to 2017, utility scale battery storage increased twenty fold, PA is one of the leading states in the nation for energy storage
- If renewable energy generation grows at an annual rate of 15%, wind and solar will produce enough electricity to meet our current electricity needs by 2035

### **Resource:**

“Renewables on the Rise”, Environment America Research and Policy Center, Frontier Group, July 2017.

### **Action Necessary to Break Our Dependence on Fossil Fuels**

- Institutions (cities, states, companies) should set goals to meet all of their energy needs across all sectors by 2050.
- We need to increase our energy efficiency and work on conserving energy and limiting use.
- Policies must be implemented to increase renewable energy over time, making clean energy technology accessible and affordable.
- Set limits on carbon and greenhouse gas emissions to help shift us away from fossil fuel use.

### **Renewable Energy In Pennsylvania**

Energy Sage, [www.energysage.com](http://www.energysage.com)

Get the information you need on switching to solar energy by comparing options about local installers.

PA PowerSwitch, Pennsylvania Public Utility Commission, [www.papowerswitch.com](http://www.papowerswitch.com)

Educate yourself on the power-switching experience, find ways to save money, and learn about choosing a supplier.

Solar Power Rocks, [www.solarpowerrocks.com/pennsylvania/](http://www.solarpowerrocks.com/pennsylvania/)

Your guide to going solar in Pennsylvania, solar strategies, solar policy information, and Pennsylvania incentives.

### **About Our Speaker:**



**Amanda Lapham** is a Climate Defender Organizer with PennEnvironment, a statewide citizen-based environmental advocacy organization. She mobilizes volunteers across the state to engage in social change, commit to climate action, and promote clean energy policy in Pennsylvania. Amanda graduated from the University of Vermont in May with a degree in Environmental Studies and Sociology. Her studies and interests also include philosophy, art, and law. While in Vermont she worked for the environmental advocacy group 350Vermont, where she educated the community on environmental justice issues and organized the fourth annual “Youth Rally For the Planet” at the Vermont statehouse.