



Northern Chester County Clean Energy Future

Clean Energy Transition Plans

Executive Summary

Energy powers all of our lives. The way we use it impacts our wallets, our health, our climate, our security, and our overall quality of life.

To do our part, northern Chester County's municipalities have been passing Resolutions prioritizing the health, safety, livability, prosperity, independence, and security of the municipalities and residents by committing to transition to 100% clean and renewable energy for electricity by 2035 and for heat and transportation by 2050.

To achieve this goal, we must all work together, through the leadership of the township and the support of our neighbors, to:

1. **reduce the energy we consume** by choosing more efficient technologies to reduce both the amount of energy we use and the cost;
2. **shift from fossil fuels to electricity** for our energy-consuming appliances for heating and our vehicles for travel;
3. draw that electricity from **renewable energy** on-site and from the grid, and
4. ultimately change the way we **value and conserve** the resources this earth provides us, not taking them for granted.

The Townships of East Pikeland, West Pikeland, Schuylkill, and West Vincent are working together to develop an actionable plan to address these goals. Not only to address how the municipality itself can reduce its impact, but also how we can encourage the broader community of residents, institutions and businesses to appreciate the value in making environmentally and economically sustainable choices that will pave the way to a healthier future for all. These strategies will help our community reduce greenhouse gas emissions, more effectively deploy taxpayer dollars, and advance community goals for health and safety, economic vitality, and energy independence.

There are two complementary documents in development to outline the road needed to achieve a transition to a renewable future. Part I, the Municipal Plan, outlines ways municipalities can lead by example in their own operations. It outlines changes to policies and regulatory mechanisms that can incentivize reduction in energy usage and conversion to clean energy sources. The township can also play a unique role as convener of the community as we work together. Part II, the Community Plan, provides a snapshot of where the entire township stands relative to its energy use and emissions and proposes strategies that homes, institutions, and businesses can take together to reduce their collective impact. Together, the two plans are designed to support public officials, community leaders, and residents in selecting actions which support our goals.

At this stage, we are refining the strategies we can take to help make this happen, diving in to the way the township and community use energy, and gathering input and insights to refine how best to move from goals and plans to reality—**and this is where we need your help!**

The framework of the plan is as follows:

COMMUNITY CLEAN ENERGY TRANSITION PLAN

- I. CURRENT COMMUNITY-WIDE ENERGY USE AND EMISSIONS
- II. GREENHOUSE GAS EMISSION REDUCTION STRATEGIES
 - a. What These Changes Will Look Like
 - b. Benefits of Energy Efficiency in Buildings
- III. MUNICIPAL SUPPORT OF COMMUNITY CLEAN ENERGY
 - a. Leading by Example
 - b. Enabling Policies, Regulatory Mechanisms, and Incentives
- IV. PARTICIPATION OF COMMUNITY SECTORS – *ACTIONS*
 - a. Residential
 - i. Residential Efficiency
 - ii. Residential Electrification
 - iii. Residential Renewable Energy
 - b. Commercial
 - i. Commercial Efficiency
 - ii. Commercial Electrification
 - iii. Commercial Renewable Energy
 - c. Education, Non-Profits, Congregations, and Other Institutions
 - i. Efficiency
 - ii. Electrification
 - iii. Renewable Energy

