



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Energy Programs Office



Finding Pennsylvania's Solar Future

A 30 Month Scenario Planning and Stakeholder Engagement Project to Identify Tomorrow's Solar Development and Investment Strategies in Pennsylvania

This project is funded by a \$550,000 award from the U.S Department of Energy Solar Energy Technologies Office.

Email: RA-EPPASOLARFUTURE@pa.gov

Website: www.dep.pa.gov/PAsolarfuture



Energy Programs Office (EPO)

- The Pennsylvania Energy Office
- PA's main contact to the U.S. Department of Energy
- The office assists, educates, and encourages Pennsylvanians to advance conservation and efficient use of diverse energy resources to provide for a healthier environment and to achieve greater energy security for future generations.

EPO Programs/Initiatives

- Energy and Climate Analysis/Goals in Support of Climate Change Action Plan
- Energy Planning, Resiliency and Security
- CHP/Renewable, Distributed Microgrid
- Electric Vehicles and Infrastructure
- Alternative Fuels Incentive Grant/Rebate
- Energy Assessments for Manufacturers
- Building Energy Training for Schools and Local Governments
- Green Energy Loan Fund

Project Team

- U.S. Department of Energy, Solar Energy Technologies Office
- Pennsylvania Department of Environmental Protection (DEP)
 - Office of Pollution Prevention and Compliance Assistance
- Citizens for Pennsylvania's Future
- Vermont Energy Investment Corporation
- Pennsylvania Solar Energy Industries Association (PASEIA)
- Penn State University, Solar Ecology Program, EMS Energy Institute
- Solar Unified Network of Western PA (SUNWPA)
- Sustainable Futures Communications, LLC

Partners

- Energy Association of Pennsylvania
- PA Public Utility Commission
- PA Office of Consumer Advocate
- Mid-Atlantic Renewable Energy Association
- Solar City
- Community Energy
- University Of Pennsylvania
- Business Council for Sustainable Energy
- West Penn Power Sustainable Energy Fund
- Met Ed/Penelec Sustainable Energy Fund
- Sustainable Energy Fund
- Reinvestment Fund
- The Nature Conservancy
- SEDA COG
- PJM

PA Solar Future Goals

- Create a sustained engagement period (30 months) of focused dialogue on future solar energy production and use in Pennsylvania.
- Create a shared vision and develop an effective plan which describes a clear and detailed path for Pennsylvania to fully utilize our solar energy resource.

PA Solar Future Goals (Cont.)

- Exceed the current 2021 AEPS (0.5%) goal and set approximate 5- and 10-year horizons beyond.
- Develop a plan and an implementation strategy that aims at reaching 10% of Pennsylvania's retail electricity sales (approx. 10-12 GW) being generated from in-state solar production by 2030.

Actions

- The Project Team leads the project and focuses on:
 - Organizing meetings
 - Gathering information
 - Providing technical assistance
 - Documenting conversations
 - Delivering draft plans
 - Ensuring a consistent and inclusive effort
- We will look forward and search for ways that Solar will benefit our economy and the environment

Current Status

- Initial Draft Plan released in January to Stakeholders
- Feedback/Comments received Feb 16th
- Partner meeting Feb 20th to discuss Initial Draft Plan
- March 8th Stakeholder Meeting in Pittsburgh – final input
- Academic Review of 2nd Draft April/May
- Quarterly Stakeholder Meeting – June 14th Philadelphia
- Public Comment July-August
- Strategy Support and Market Transformation Plan

Schedule Forward

- April – next draft released to stakeholders, webinar
 - 3rd party academic review
- May – review feedback from Academic review, create Final Draft Plan
 - Develop companion public education documents
- June 14th Stakeholder meeting in Philadelphia
- Release Draft Final Plan, open for public comment



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Thank you!

Contact:

David Althoff Jr

Director – Energy Programs Office

dalthoff@pa.gov

Tom Wolf, Governor

Patrick McDonnell, Secretary