



Office of Pollution Prevention and  
Energy Assistance



# 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

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# Finding Pennsylvania's Solar Future

## Project Team

- U.S. Department of Energy, SunShot Initiative
- Pennsylvania Department of Environmental Protection
  - 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

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## 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

1. Create a sustained engagement period (30 months) of focused dialogue on future solar energy production and use in Pennsylvania
2. 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
3. Exceed the current 2021 AEPS (0.5%) goal and set approximate 5- and 10-year horizons beyond
4. 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

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## 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 a Solar will benefit our economy and the environment

# Finding Pennsylvania's Solar Future

## Today

- Review actions since December
- Provide a view forward to June's meeting.
- Discuss Feedback already received from the January initial draft
- Connect the modeling and data to strategies for achieving 10% solar
- Discuss and get feedback on Key Potential Strategies

# Finding Pennsylvania's Solar Future

**Thank you!**

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