



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

This project is funded by a \$550,000 award from the
U.S Department of Energy's SunShot Initiative.

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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

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Stakeholders

YOUR LOGO GOES HERE.....



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. 10-15 GW) being generated from in-state solar production by 2030

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Tactics – How Will We Do This?

- Utilize a comprehensive stakeholder engagement process to identify how to best support the goals
 - Industry, business, utilities, academia, solar associations, government, finance, policy etc..
- Develop and Test Scenario Analysis
 - Vermont Energy Investment Corporation to utilize the analytic tools developed for the Vermont Solar Market Pathways study to support optimization of our selected strategies
- Employ a consistent consensus approach
 - Discuss, vote and agree or dissent

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Timeline

- Project begins 1/1/2017
- 2017 Stakeholder Meetings:
 - March, June, September, December
- Mid-point: Draft strategy brief describing revised inputs to scenarios
- End of year: Draft Pennsylvania's Solar Future Plan (available for general stakeholder review)
- 2018 Stakeholder Meetings:
 - March, June
- PA Solar Future Plan ready for public review
- Begin development of a Strategy Support and Market Transformation Plan

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Timeline

- 2018 Stakeholder Meetings
 - October
 - Review/consider public comments, make any final revisions
 - Finalize the Strategy Support and Market Transformation Plan
 - 2019 Stakeholder meetings:
 - March
 - 6 month review of Strategy Support and Market Transformation Plan
 - Develop Pennsylvania Solar Future Implementation Report
 - June 30, 2019
 - Finalize Pennsylvania Solar Future Implementation Report

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Rules

- This is Pennsylvania's project and a STAKEHOLDER driven process
- The Project team will lead the process but focus on:
 - Organizing meetings
 - Gathering information
 - Providing technical assistance
 - Documenting conversations
 - Delivering draft plans
 - Ensuring a consistent and inclusive effort on behalf of all stakeholders
- We will have fun, look forward and search for ways to benefit our economy and the environment

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Telling the story of your work

- The Project Team & DEP's Communication Team will be ready to report on the actions and activities of this collaborative effort including:
 - Information, language, and graphics
 - Coordination on major announcements
- A collaborative work site will be set up for you to access materials, drafts, and etc..
- Website: www.dep.pa.gov/PAsolarfuture
- Email: RA-EPPASOLARFUTURE@pa.gov

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Thank you!

Pennsylvania Department of Environmental Protection
Policy Office &
Office of Pollution Prevention and Energy Assistance

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