



**pennsylvania**

DEPARTMENT OF ENVIRONMENTAL PROTECTION

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 Solar Energy Technology Office.

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# Finding Pennsylvania's Solar Future

## Project Team

- U.S. Department of Energy, Solar Energy Technologies Office
- Pennsylvania Department of Environmental Protection
  - Energy Programs Office
- 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

# Finding Pennsylvania's Solar Future

## Actions

- The Project Team leads the effort and focuses on:
  - Organizing meetings
  - Gathering information
  - Documenting conversations
  - Providing technical assistance
  - Delivering work products
  - Ensuring a consistent and inclusive effort
- *We will continue to look forward (into our Solar Future) and search for ways that a Solar will benefit Pennsylvania's economy and the environment*

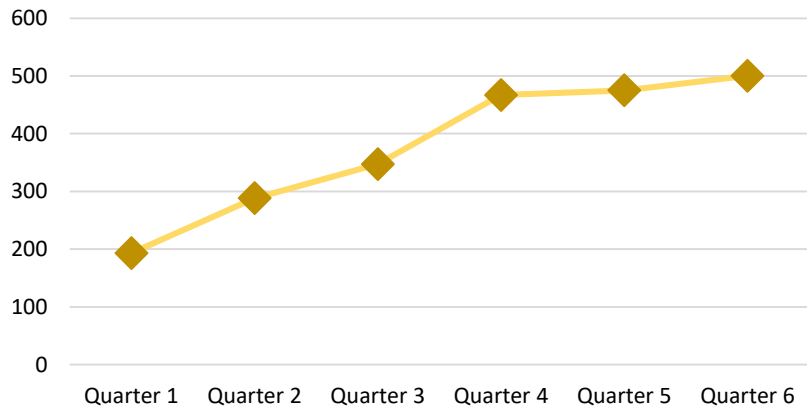
# Finding Pennsylvania's Solar Future

## Partners

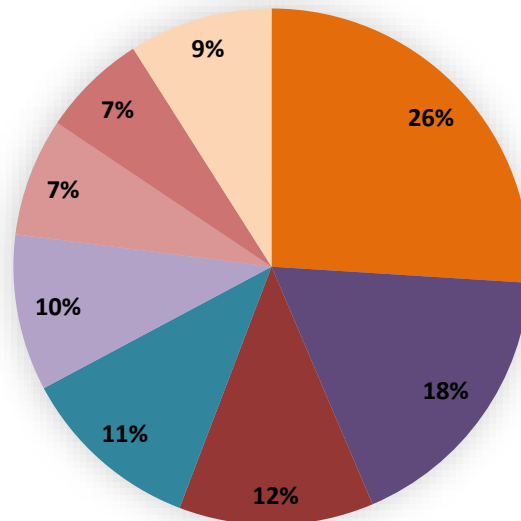
- Energy Association of Pennsylvania
- PA Public Utility Commission
- PA Office of Consumer Advocate
- Mid-Atlantic Renewable Energy Association
- Tesla/Solar City
- Community Energy
- University Of Pennsylvania
- Business Council for Sustainable Energy
- West Penn Power Sustainable Energy Fund
- Met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

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## Stakeholders



Sector	Number of Stakeholders as of January 3rd, 2018
Renewable Energy Industry	130
Association & Nonprofit	88
Government	61
Utility	57
Consulting	49
Academia	37
Private Citizen	33
Other	45
<b>Total:</b>	<b>500</b>



- Renewable Energy Industry
- Association & Nonprofit
- Government
- Utility
- Consulting
- Academia
- Private Citizen
- Other

# Finding Pennsylvania's Solar Future

## 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 strategies which describe a clear and detailed path for Pennsylvania to fully utilize our solar energy resource
- ✓ Plan to 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

# Finding Pennsylvania's Solar Future

## Today

- Our project turns a corner....
- The PA Solar Future plan (PASF) is finished, but
  - Public Comment
  - Comment and Response Document
- Strategy Support and Market Transformation (SSMT)
  - How and When?
- Prioritization
  - What is important, who is it important to?
  - How do we get more specific and for which purpose?
- Looking ahead – PASF and SSMT comes together

# Finding Pennsylvania's Solar Future

**Thank you!**

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