

Climate Change Advisory Committee Meeting

Energy Programs Office
February 18, 2025

JOSH SHAPIRO, GOVERNOR | JESSICA SHIRLEY, ACTING SECRETARY



Pennsylvania
Department of
Environmental Protection



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Agenda

- Roll Call, Introduction
- Approval of December Minutes
- Public Comment
- Presentation/Discussion – CPRG Planning Grant
- Break
- Presentation/Discussion – RISE PA Update
- DEP Updates
- Meeting Wrap Up
- Review April Agenda
- New Business



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Public Comment

(15 Min)



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CPRG Planning Grant Public Outreach

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Public Workshops

Eastern PA

- Wysox, March 17
- Lancaster, March 18
- Hazleton, March 19
- Chester, March 20

Virtual:

- April 17

Registration information is available here:

<https://forms.office.com/g/SRDEWuN9Qh>

Western PA

- Erie, March 24
- Clarion, March 25
- Johnstown, March 26
- Uniontown, March 27





Targeted Workshops

Local Government:

- April 3 (6:00-7:30 PM)
- April 7 (12:00-1:30 PM)

Sector-Specific:

- Industrial Sector: March 13 (12 – 1:30 PM)
- Transportation Sector: March 31 (12 – 1 PM)
- Utilities: April 1 (12 – 1:30 PM)
- Labor: TBD (12 – 1:30 PM)



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Story Map

Pennsylvania Climate Action Plan




**Pennsylvania Climate
Action Plan**

Climate change is actively impacting communities across Pennsylvania. Scroll down to learn more about how the Commonwealth is taking action.

1/13 DEP - Round 2 Review
January 13, 2025



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What's Next?

- Review workshop and survey feedback
- Feedback → informs CCAP/CAP+
- CCAP/CAP+ due to EPA December 2025



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Thank you!

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The Department of Environmental Protection's mission is to protect Pennsylvania's air, land and water resources and to provide for the health and safety of its residents and visitors, consistent with the rights and duties established under the Environmental Rights Amendment (Article 1, Section 27 of the Pennsylvania Constitution).



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Break
(10 Min)



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Reducing Industrial Sector Emissions in Pennsylvania - RISE PA -

JOSH SHAPIRO, GOVERNOR | JESSICA SHIRLEY, ACTING SECRETARY



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Application Requirements



Primary Application

- Selected Award Track
- Total project cost
- Estimated GHG emissions reduced
- Type of industrial facility
- Project activity location
- Emissions reduction technology description

Primary Application

- Project timeline
- Community benefits
- Workforce and job quality
- Co-pollutant emissions reductions
- Staff expertise/qualifications
- Conflicts of interest



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Additional Elements



- Supplemental Application: Project scope, MMV, project team, permitting, project benefits/impacts, project innovation/transformational impact, stakeholder engagement
- Project-specific Questions: Eligible project types
- Technical Appendix: GHG emissions reductions calculations
- Budget Information: Detailed budget, budget narrative, financial commitment letters
- Property Owner Consent Form: Approval for proposed project implementation



Evaluation Criteria



Criteria	
Project Factors	Over-all project approach
	Commercial viability
	Financial viability
	Technical feasibility
	Impact of GHG reduction measures
	Project innovation/innovative impact
	Environmental and community outputs, outcomes, and performance measures
	Benefits to Low-income and Disadvantaged Communities (LIDACs)
	Workforce and job quality
	Project capabilities
Quality Factors	Sufficiency of technical detail
	Level of understanding of the key anticipated risks (e.g. technical, financial, market, environmental, regulatory)
	Clarity and appropriateness of the roles and responsibilities of the project management
	The qualifications, relevant expertise, and time commitment of individuals on the team
	The level of clarity in the identification and definition of baseline metrics and project milestones
	Extent to which the project would contribute to meeting the objectives that 40% of the benefits of climate and clean energy investments flow to disadvantaged communities



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Program Policy Factors



- Geographic diversity
- Industry/subsector diversity
- Technology type diversity
- Applicant type diversity
- Innovative technologies
- Amount of funding/number of awards
- Availability of alternative funding
- Enhances manufacturing competitiveness
- Optimizes funding
- Exhibits technical, financial, or organizational risk
- Exhibits financial/business viability
- Strong history of performance
- Job creation
- Number of CWTP Trainees
- Pursues Bonus Awards
- Replicability



Key Considerations

- MAT/LAT applications submitted through [Electronic Single Application](#) system
- SAT applications submitted through PennTAP
- Trade Secret/Confidential Proprietary Information Notice
- Activities must occur in PA
- Activities subject to federal pass down requirements
- Eligible costs can be reimbursed after **October 1, 2024**
- Awards made through competitive selection
 - MAT/LAT – Two 6-month funding opportunities per year
 - SAT – Three 4-month funding opportunities per year



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Period of Performance

- SAT: 12 months from date of award
- MAT/LAT: 6-24 months from date of award
- May provide up to 3 years for complex projects
- All projects must be completed by **April 1, 2029**
- Project costs incurred before grant agreement is fully executed may not be reimbursed



Funding Type

- **Reimbursement** grant program
 - Up to **90%** of base grant award available as project costs are incurred
 - Remaining 10% awarded upon completion of post project measurement and verification
- Bonus awards withheld until project completion

Eligible Projects



Project Types

- Energy efficiency
- Electrification
- Process emissions reduction
- Low-carbon fuels
- On-site renewable energy
- Carbon capture utilization and storage
- Fugitive emissions reductions
- Other technology



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Ineligible Projects



- Projects that received Advanced Energy Project Credit allocation under 48C
- Projects required for compliance with local, state, or federal law
 - Includes projects to aid regulated entities in complying with EPA regulations
 - Applicant must demonstrate all benefits are in excess of requirements
- Projects to plug abandoned or orphaned wells



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Eligible Expenditures



- Labor and capital costs: Materials, equipment, delivery, software, construction, installation, retrofitting, tools, and contractual work
- Travel costs: If integral to project
- Measuring, monitoring, and verification: Up to 1% of total project cost or \$70,000



Expenditure Restrictions



- 1) Land acquisition, permits, or landscaping;
- 2) Advertising or business start up costs;
- 3) Indirect costs (i.e., general administrative and overhead, contingency funds, etc.);
- 4) Construction costs unrelated to the project;
- 5) Plant or facility closure costs;
- 6) Travel not integral to the purpose of the proposed project, lodging, subsistence, or conference or meeting expenses including catering, conference equipment and room rental;
- 7) Legal fees or fees associated with securing financing;
- 8) Supplies or equipment under \$1,000;
- 9) Costs incurred prior to October 1, 2024.



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Cost Share



- Includes cash or in-kind contributions
- Can include other secured federal or state funding
- Reasonable costs associated with planning, development, and design of project and bonus awards

Program Rollout

Reducing Industrial Sector Emissions in Pennsylvania (RISE PA)

Timeline

The Pennsylvania Department of Environmental Protection (DEP) will begin accepting project applications for RISE PA in early 2025. The application window will remain open with multiple rounds annually until all funds have been obligated. DEP will revise the program guidelines, materials, and application periodically in response to participant and community feedback.

Early 2025

*DEP anticipates beginning to
accepting project applications*

Mid 2025

*Application review and
selection anticipated to begin*

Late 2029

*RISE PA program funding
projected to close*





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RISE PA Links



- DEP RISE PA Website: [RISE PA | Department of Environmental Protection | Commonwealth of Pennsylvania](#)
- [RISE PA | Grant Program Guidance: Medium-and Large-Scale Award Track Applicants\(opens in a new tab\)](#)
- [RISE PA | Grant Program Guidance: Small-Scale Award Track Applicants](#)



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Thank You



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For questions or comments, email RA-EP-CPRG@pa.gov

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DEP Updates

Pennsylvania Grid Resilience Grants (PA GRG)

Program:

- Awarded more than \$15 million in grants to electric distribution companies to improve electric grid reliability and resilience through 2024 grants
- Grid Resilience State and Tribal Formula Grant (also known as 40101 (d)) FY 2025 NOI was released in December 2024

Meeting Wrap-Up

How do today's topics tie back to the CAP?

- **CPRG Planning:** 2024 PA CIA & CAP are basis for climate information. CAP is being developed into CCAP/CAP+
- **RISE PA:** Implementation of industrial decarbonization measures.
 - I1. Industrial Efficiency
 - I2. Gas, Fuel and Process Decarbonization
- **Pennsylvania Grid Resilience Grants (PA GRG) Program:**
 - P2. Distribution and Transmission Grids

2025 Meeting Planning

Upcoming Meetings:

- ~~Tuesday, February 18th, 2025~~
- Tuesday, April 22nd, 2025
- Tuesday, June 24th, 2025
- Thursday, August 21st, 2025
- Tuesday, October 21st, 2025
- Tuesday, December 16th, 2025

Proposed Agenda

April 22, 2025:

- Introduction
- Approval of February Minutes
- Public Comment
- **Presentation/Discussion – TBD**
- Break
- **Presentation/Discussion – TBD**
- DEP Updates
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