



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION



Energy Programs Office

Climate Change Advisory Committee Meeting

December 14, 2021

Tom Wolf, Governor

Patrick McDonnell, Secretary

Agenda

- **Introduction**
- Approval of October Minutes
- Vicinity Energy Presentation/Discussion
- DEP Food Waste Report Presentation/Discussion
- Public Comment
- Break
- 2022 CCAC Meeting Plan
- DEP Updates
- Review of CCAC Bylaws
- New Business
- Next Meeting

Agenda

- Introduction
- **Approval of October Minutes**
- Vicinity Energy Presentation/Discussion
- DEP Food Waste Report Presentation/Discussion
- Public Comment
- Break
- 2022 CCAC Meeting Plan
- DEP Updates
- Review of CCAC Bylaws
- New Business
- Next Meeting

Agenda

- Introduction
- Approval of October Minutes
- **Vicinity Energy Presentation/Discussion**
- DEP Food Waste Report Presentation/Discussion
- Public Comment
- Break
- 2022 CCAC Meeting Plan
- DEP Updates
- Review of CCAC Bylaws
- New Business
- Next Meeting

Agenda

- Introduction
- Approval of October Minutes
- Vicinity Energy Presentation/Discussion
- **DEP Food Waste Report Presentation/Discussion**
- Public Comment
- Break
- 2022 CCAC Meeting Plan
- DEP Updates
- Review of CCAC Bylaws
- New Business
- Next Meeting



Public Comment (15 min)



Break

Agenda

- Introduction
- Approval of October Minutes
- Vicinity Energy Presentation/Discussion
- DEP Food Waste Report Presentation/Discussion
- Public Comment
- Break
- **2022 CCAC Meeting Plan**
- DEP Updates
- Review of CCAC Bylaws
- New Business
- Next Meeting

2022 Meeting Planning

Agenda Outline:

- Theme of meeting centered around CAP strategies
- Invited speakers: Subject matter experts and stakeholders
- Highlight local government climate action
- Environmental justice/equity component
- DEP updates
- Overview of next meeting's agenda

2022 Meeting Planning

Proposed Themes:

- February 22 - Transportation
- April 14 – Agriculture & LULUCF
- June 23 - Buildings
- August 23 - Electricity Generation
- October 25 - Industrial & Fuel Supply (additional topics)
- December 13 – Climate Adaptation

CAP Implementation - Transportation

February 22, 2021

GHG Reduction Strategy	Expected Implementation Timeframe
Increase fuel efficiency of all light duty vehicles and reduce vehicle miles traveled for single occupancy vehicles	Midterm
Implement the multi-state medium-and heavy-duty zero-emission vehicle memorandum of understanding	Long term
Increase adoption of light-duty electric vehicles	Midterm
Implement a Low Carbon Fuel Standard	Midterm

CAP Implementation – Ag. & LULUCF

April 14, 2021

GHG Reduction Strategy	Expected Implementation Timeframe
Use programs, tools, and incentives to increase energy efficiency for agriculture	Near term
Provide trainings and tools to implement agricultural best practices	Midterm
Increase land and forest management for natural sequestration	Midterm

CAP Implementation - Buildings

June 23, 2021

GHG Reduction Strategy	Expected Implementation Timeframe
Support energy efficiency through building codes	Near-term
Improve residential and commercial energy efficiency (electricity)	Near term
Improve residential and commercial energy efficiency (gas)	Near term
Incentivize building electrification	Midterm
Introduce state appliance efficiency standards	Midterm
Increase distributed on-site solar	Near term
Take actions to promote and advance C-PACE financing and other tools for Net Zero Buildings and high-performance buildings	Near term

CAP Implementation – Electricity Generation

August 23, 2021

GHG Reduction Strategy	Expected Implementation Timeframe
Maintain nuclear generation at current levels	Near term
Create a carbon emissions free grid	Long term

CAP Implementation – Industry, Fuel Supply, Waste

October 25, 2021

GHG Reduction Strategy	Expected Implementation Timeframe
Increase industrial energy efficiency and fuel switching	Near term
Increase production and use of biogas/renewable gas	Midterm
Incentivize and increase use of distributed Combined Heat and Power	Near term
Reduce methane emissions across oil and natural gas systems	Midterm
Reduce food waste	Near term
Reduce waste generated by citizens and businesses and expand beneficial use of waste	Near term

CAP Implementation - Adaptation Planning

December 13, 2021

1. Impacts of Increasing Average Temperatures and Heat Waves on Health

2. Impacts of Flooding and Storms on Health

3. Impacts of Increasing Average Temperatures on Environmental Justice and Equity

4. Impacts of Flooding on Environmental Justice and Equity

5. Impacts of Increasing Average Temperatures on Forests, Ecosystems, and Wildlife

6. Impacts of a Warmer and Wetter Climate on Agriculture

7. Impacts of Increasing Average Temperatures on Recreation and Tourism

8. Impacts of a Changing Climate on Built Infrastructure

9. Impacts of Landslides on Built Infrastructure

Agenda

- Introduction
- Approval of October Minutes
- Vicinity Energy Presentation/Discussion
- DEP Food Waste Report Presentation/Discussion
- Public Comment
- Break
- 2022 CCAC Meeting Plan
- **DEP Updates**
- Review of CCAC Bylaws
- New Business
- Next Meeting

DEP Updates

DEP Climate Outreach Efforts:

- 9/22/2021 - Philadelphia City Council
- 10/4/2021 - PA Environmental Professionals annual conference
- 10/8/2021 - PML Municipal Leadership Summit
- 10/14/2021 - AQTAC meeting
- 10/20/2021 - 7th Annual Philly Suburbs EAC Summit
- 11/2/2021 - Fox43 interview
- 11/13/2021 - PA Master Naturalist Annual Meeting
- 11/16/2021 - EJAB
- 12/9/2021 - Ag. Advisory Board

Mark Hammond – ZEV Rulemaking

Agenda

- Introduction
- Approval of October Minutes
- Vicinity Energy Presentation/Discussion
- DEP Food Waste Report Presentation/Discussion
- Public Comment
- Break
- 2022 CCAC Meeting Plan
- DEP Updates
- **Review of CCAC Bylaws**
- New Business
- Next Meeting

Agenda

- Introduction
- Approval of October Minutes
- Vicinity Energy Presentation/Discussion
- DEP Food Waste Report Presentation/Discussion
- Public Comment
- Break
- 2022 CCAC Meeting Plan
- DEP Updates
- Review of CCAC Bylaws
- **New Business**
- Next Meeting

Agenda

- Introduction
- Approval of October Minutes
- Vicinity Energy Presentation/Discussion
- DEP Food Waste Report Presentation/Discussion
- Public Comment
- Break
- 2022 CCAC Meeting Plan
- DEP Updates
- Review of CCAC Bylaws
- New Business
- **Next Meeting**

Next Meeting

2021 Regular Meeting Dates:

- **Tuesday, February 22, 2022**
- Thursday, April 14, 2022
- Thursday, June 23, 2021
- Tuesday, August 23, 2022
- Tuesday, October 25, 2022
- Tuesday, December 13, 2022

Next Meeting – Proposed Agenda

February 22, 2022 - Transportation:

- Introduction
- Approval of December Minutes
- **PennDOT Presentation/Discussion**
- **Local government climate action – LCAP Participant**
- **Environmental Justice/Equity (Transportation Related)**
- Public Comment
- Break
- **Federal Energy/Infrastructure Funding – Dave Althoff**
- **Other DEP Updates (Suggestions?)**
- New Business
- **Overview of next meeting’s agenda: April 14**