



Climate Change Advisory Committee Meeting

June 22, 2021

Tom Wolf, Governor

Patrick McDonnell, Secretary

Agenda

- **Introduction**
 - Approval of April minutes
- Summary of CCAC Feedback
- ICF Presentation on 2021 CAP
 - 2021 CAP discussion
- Break
- Public Comment
- Updates
- New Business
- Next Steps/Next meeting

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Tentative 2021 IA/CAP Review Timeline

Meeting Date	Materials	Shared w/ CCAC	Feedback Requested
2/23/2021	<ul style="list-style-type: none"> - Final IA with refined findings - Updated Draft CAP with supporting analysis information incorporated (GHG mitigation results, enabling technologies, adaptation pathways) - Initial economic and co-benefits information, as available 	2/9/2021	3/2/2021
4/27/2020	<ul style="list-style-type: none"> - Draft Final CAP and supporting analysis information, including all near final economic and co-benefits analyses 	4/20/2021	5/11/2021
6/22/2021	<ul style="list-style-type: none"> - Final CAP from ICF 	6/16/2021	TBD (letters)

Outcomes of CCAC Feedback

Materials Provided for Review	Committee Members Who Provided Feedback	# of Written Comments and Questions
2021 Climate Action Plan Final Draft	Written - 8	Written – 95
April 2021 Meeting Slides	Written – 1 Verbal - ~8	Written – 7

Outcomes of CCAC Feedback

- ***Feedback: Editorial/wordsmithing comments, comments to suggest additional information be added for clarification, and suggested formatting changes (~25 written comments received).***
 - ***Resulting changes:*** Most comments were taken and resulting changes incorporated into the CAP.
- ***Feedback: Multiple suggested edits to language around extending harvest cycles in PA as part of the land-based sequestration strategy (18 written comments received).***
 - ***Resulting changes:*** Many of the suggested text edits were incorporated into the CAP report in multiple locations, including Strategy R and Appendix B.

Outcomes of CCAC Feedback

- ***Feedback: Requested clarification be added that at the time of publication, the state was in the process of joining RGGI but had not officially joined yet (3 written comments received).***
 - ***Resulting changes:*** Added clarification in green call-out box that RGGI will not take effect in Pennsylvania until 2022.
- ***Feedback: Request to add a sentence about how hydrogen fuel provides a carbon-free use of otherwise stranded assets, such as energy distribution systems (2 written comments received).***
 - ***Resulting changes:*** Added a sentence to the Enabling Technologies section that states “Hydrogen can provide a future carbon-free option that would potentially reduce the risk of stranded assets (e.g., energy distribution systems).”

Outcomes of CCAC Feedback

- **Feedback: Waste coal should be treated as a separate electricity generation resource from traditional coal in the modeling results. (1 written comment received). Various other comments on waste coal also received.**
 - **Resulting changes:** While changes to the modeling were not made at this point, we were able to add clarification to figure descriptions to explain what is included in the “Other” and “Coal” categories in the electricity generation charts. Added additional discussion in the BAU section of the CAP on waste coal as well, specifically that “The coal generation that remains after 2020 is a result of waste coal support provided by the AEPS Tier II requirement.”
- **Feedback: It is very important to explain how economic modeling should be interpreted. (1 written comment received).**
 - **Resulting changes:** Added highlight bullets about how to interpret economic modeling when it is first discussed in the Executive Summary, and greater detail for each metric in Chapter 3 under **Modeling Results**.

Outcomes of CCAC Feedback

- **Feedback: Report is very jargon heavy – an appendix with definitions of terms used (e.g., net present value, clean energy) will help when rolling out the CAP to local communities (1 written comment received).**
 - **Resulting changes:** Added a glossary of key terms and reduced use of jargon wherever possible (especially in the Executive Summary).
- **Feedback: Recommended rephrasing sentence about the Pennsylvania PUC offering incentives to customers installing CHP considering that CHP qualifies under Act 129 programs if it meets the cost-effectiveness standard (1 written comment received).**
 - **Resulting changes:** Made text edit to CHP strategy section, now says “In addition to the cost test required for CHP to qualify under Act 129, the Pennsylvania PUC could establish further parameters for CHP, such as emissions reductions.”

Outcomes of CCAC Feedback

- ***Feedback: Request to give a few examples of what is meant by "critical infrastructure" and "industrial facilities" to further illustrate where CHP should be considered. (1 written comment received).***
 - ***Resulting changes:*** Listed a few examples of critical infrastructure in the CHP strategy section, such as hospitals, fire stations, and schools.
- ***Feedback: Received a comment to clarify if the strategies for the industrial sector will be "requiring electrification of industrial processes". (1 written comment received).***
 - ***Resulting changes:*** Removed “mandatory” sounding language.

Outcomes of CCAC Feedback

- **Feedback: Received a comment about the implications of “stretch codes” and what sort of language should be used to discuss them (1 written comment received).**
 - **Resulting changes:** Edited discussion around stretch codes to now say “..allow the adoption and promote the use of a Pennsylvania specific stretch code.”
- **Feedback: Received a comment concerning the potential lack of diversity of generation sources in the 2050 electricity generation scenario. (1 written comment received)**
 - **Resulting changes:** Added a text box on options for diversity in electricity generation and discussion on implications for the reliability and resilience of the electricity grid.

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CCAC Member Letters

- Act 70 of 2008 requires a Climate Change Action Plan that “identifies areas of agreement and disagreement among committee members about the Climate Change Action Plan”
- CCAC members will receive an email asking members to submit letters documenting these “areas of agreement and disagreement”
- We anticipate setting a 3-week deadline for the submission of letters from the date of the request from DEP.
- These letters will be appended to the final report.
- Guidelines for letters:
 - Letters should be from **appointed members**.
 - Please do not use your company’s letterhead. The letters are from members, not their organizations.
 - Please submit letters as a word document, so they may be easily inserted into the appendix of the CAP document.

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Public Comment (15 min)

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Updates

- RGGI Presentation
- RGGI Investment Framework

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Reminder!

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Next Meeting

2021 Regular Meeting Dates:

- ~~Tuesday February 23~~
- ~~Tuesday April 27~~
- ~~Tuesday June 22~~
- **Tuesday August 24**
- Tuesday October 26
- Tuesday December 14