

**CLIMATE CHANGE ADVISORY COMMITTEE  
MEETING MINUTES  
August 7, 2017  
10:00 a.m. – 2:00 p.m.  
Conference Room 105  
Rachel Carson State Office Building**

**MEMBERS/ALTERNATES PRESENT:**

Chairperson Steve Krug, Gregory Czarnecki (alternate for Sara Nicholas), Joseph Sherrick, Paul Opiyo, Mark Hammond, George Ellis, Patrick Henderson, Gary Merritt, Meredith Graham (alternate for Mike Winek), Luke Brubaker, Marc Mondor, Steve Winberg, Robert Graff and Grant Gulibon (alternate for Luke Brubaker)

**MEMBERS ABSENT:**

Terry Bosert and Ryan Bizzaro

**PROXY VOTING:**

None

**PA DEP STAFF:**

John Krueger, Jessica Shirley, Dennis Maloskey, Mark Brojakowski, David Althoff, Kerry Campbell, Mark Hand, and Allen Landis

**MEMBERS OF THE PUBLIC:**

Rick Allan (Pugliese Assoc/Tesla), Bob Barkanic (The Barkanic Group, LLC), Brian Palmer (ERG Inc.), Deborah Harris and Bensari Saha (ICF Inc.), and Sam Robinson (Governor's office of Policy and Planning)

**REGULAR MEETING:**

The August 7, 2017, regular meeting of the Climate Change Advisory Committee (CCAC) was called to order at 10:05 a.m. by Chairperson Steve Krug. With 10 of 12 seated members present at the start of the meeting, a quorum was established.

**MINUTES:**

The minutes of the January 10, 2017, CCAC meeting were presented to the committee by Mr. Krug for approval. A motion to accept the minutes was made by Mr. Henderson and was seconded. The motion carried by voice vote.

**MEETING SUMMARY: (This narrative provides a summary of the discussions that took place during the meeting. It is not a transcript of the proceedings.)**

**MEMBERSHIP UPDATE:**

The CCAC now carries six vacancies (two from the Governor, one from Senate majority, one from Senate minority, one from the House minority and one from the House majority). DEP continues to work on filling these vacancies. A discussion ensued regarding the need for the vacancies to be filled along with the status of Gubernatorial appointments that have expired and have not been renewed.

These members are serving on word of the Governor's Office. Mr. Sam Robinson, Deputy Secretary, Governor's office of Policy and Planning, addressed the Committee regarding these appointments and assured the Committee he would follow up on their concerns.

#### PA AGENCY PRESENTATIONS:

##### Drive Electric Pennsylvania Coalition (DEPC)

Mr. Mark Hand of DEP's Office of Pollution Prevention and Energy Assistance offered an overview of DEP's electric vehicle initiative. The DEPC was established in September of 2016, with the first of a series of meetings to expand the adoption of electric vehicles and developing a statewide strategy for that purpose. The coalition has developed three committees, an Education and Outreach committee, a EV Procurement committee and an EV Charging Infrastructure committee. Since its inception, the coalition has been meeting quarterly along with periodic individual committee and work group conference calls. Currently the coalition is seeking a contract with a servicer with specific knowledge of the electric vehicle industry to provide technical analytical reporting and professional facilitation services, along with management business case development and modeling in support of the development of a comprehensive Pennsylvania EV Roadmap. Mr. Hand reported that the Department received four bids and hopes to select a contractor and have the work underway by September. The presentation was followed by a question and answer period and a discussion on having a VW settlement presentation at the November CCAC meeting.

##### 2017 Greenhouse Gas (GHG) Inventory

DEP's climate change program's Mr. Mark Brojakowski offered the CCAC a PowerPoint presentation on the draft version of the 2017 Pennsylvania GHG Emissions Inventory. The presentation, although in draft form, highlighted the latest (2014) data available in EPA's State Inventory Tool (SIT) and identified emissions and trends for seven sectors in PA.

The data presented showed an overall decrease in GHG emissions between 2013 and 2014 of 3.67 MMtCO<sub>2e</sub>, however there was also a slight increase in emissions from the residential, commercial, industrial, and waste management sectors.

CCAC member Mark Hammond suggested that EPA's, SIT may have been the best choice for preparing the annual GHG inventory early on, but now, as a result of the GHG Reporting Rule, for some sectors, emissions data reported directly by companies to DEP should be available.

Although the inventory is prepared using the SIT, DEP does not rely entirely on the default data provided in the SIT. DEP instead used a combination of available reported data and EPA's default data in preparing this draft inventory. The program will strive to use more reported data where available in the final version of the 2017 GHG Inventory.

The presentation was followed by a question and answer period where multiple committee members commented on various sector emissions increases.

**OUTSIDE AGENCY PRESENTATION:**

Deborah Harris and Bensari Saha of ICF, Inc, were on hand to introduce ICF, the selected contractor, that will be providing technical and economic analysis in support of the development of the 2018 Pennsylvania Climate Change Action Plan (Update). In addition, ICF will be providing a comprehensive assessment of Pennsylvania’s energy potential, production and consumption along with a comprehensive energy analysis to assess all of the indigenous energy resources in Pennsylvania.

ICF provided a PowerPoint presentation on an overview of ICF’s approach to the project, key questions and areas of input from the CCAC and a next step section.

ICF was interested in hearing from the Committee about their interests for the development of the 2018 Update. The Committee stated that ICF should keep in mind that PA is unique in its power generating sector being that it is a net exporter of electricity. The Committee also mentioned other points of interest such as; adaptation, goal setting, economic opportunities and analysis, inclusion of all PA sectors and the Committee’s role in the development process.

A copy of ICF’s PowerPoint was distributed to the committee and is available in PDF format on the CCAC’s Website.

**DEVELOPMENT OF THE 2018 CLIMATE CHANGE ACTION PLAN UPDATE:**

The committee, the Department and the representatives of ICF discussed the development of the next Update. Committee members offered their thoughts on setting a goal and both near term and long term reduction strategies, an appropriate base year, adaptation strategies and other state agency adaptation plans, transportation and agricultural sector reductions, forestry issues, industrial energy efficiency, residential energy efficiency, Clean Power Plan replacement, economic analysis beyond Pennsylvania borders and CCAC’s role in the review and approval of ICF’s 2018 Update concepts.

Ms. Shirley introduced Mr. Allen Landis, from the Commonwealth’s William Penn Fellowship Program. He will be assisting the climate change program with the development of the 2018 Update.

**ADMINISTRATIVE ITEMS:**

- Determine next CCAC meeting date based on ICF progress.
- Compile a list of other state agencies that have adaptation plans.
- Post ICF’s PowerPoint to the CCAC web site.

**PUBLIC COMMENT(S):**

None

**ADJOURNMENT:**

A motion to adjourn was made by Mr. Graff and seconded. The motion carried, and the meeting was adjourned.