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**CLIMATE CHANGE ADVISORY COMMITTEE MEETING
MEETING MINUTES**

May 20, 2010

10:00 A.M. – 2:00 P.M.

RCSOB, Room 105

The meeting of the Climate Change Advisory Committee (CCAC) was called to order at 10:05 A.M. on May 20th, 2010 by Wayne Williams, substituting as Chair for Sarah Hetznecker.

The following members were present:

Richard Allan, Lauren Boles (via conference call), Dan Desmond, George Ellis, Vivian Loftness, Paul Roth (designee for Acting Secretary Quigley), Nathan Willcox, Wayne Williams (designee for Ex Officio member James Cawley).

The following members were absent:

Peter Alyanakian, Robert Bear, Terry Bossert, David Cannon, Representative Camille “Bud” George, Fred Harnack, Sarah Hetznecker (Chair), Jan Jarrett, Al Magnotta, Paul Opiyo (designee for Ex Officio member George Cornelius), John Quigley (Ex Officio member and Vice Chair), Ron Ramsey, Representative Greg Vitali, Ed Yankovich.

The following alternates were present:

Nels Johnson (alternate for Ron Ramsey), Emily Petrovich (alternate for Fred Harnack)

Proxy Designations:

George Ellis for David Cannon; George Ellis for Fred Harnack; Nathan Willcox for Jan Jarrett; Richard Allan for Al Magnotta; and Nathan Willcox for Ron Ramsey.

PA Department of Environmental Protection (DEP) staff and guests present were:

Dr. William Martin (Facilitator), Secretary John Hanger (DEP), Joe Sherrick (DEP), Kim Hoover (DEP), Daniel Griffiths (DEP), Andrew Place (DEP), Dan Lapato (DEP), Dave Gher (DEP), Steve Winberg (CONSOL), Fred Bañuelos (DCED), Robert Barkanic (PPL Energy Plus), Rolf Hanson (American Petroleum Institute-PA), Mark Hammond (Drinker, Biddle and Reath), Angie Gohn (Greenlee Partners), Jake Smeltz (Electric Power Generation Association).

INTRODUCTIONS:

Mr. Sherrick confirmed that there was not a quorum and recommended that the committee hold an informational meeting and table the approval of the March 18th meeting minutes until the next meeting. He asked Wayne Williams to chair the meeting in the absence of the Chair and Vice Chair. Mr. Williams opened the meeting. The list of proxy designations was reviewed by Ms. Hoover for the committee. The members and guests introduced themselves.

ACTION ITEMS:

- Approval of March 18th Meeting Minutes was tabled until the July 15th meeting due to the lack of a quorum.

UPDATES TO CLIMATE CHANGE INITIATIVES:

- Daniel Griffiths, Deputy Secretary of DEP's Office of Energy and Technology Deployment, gave the committee an update on grants programs administered through the Energy Office. These include American Recovery and Reinvestment Act (ARRA) programs such as Green Energy Works, Conservation Works, and the Home Heating Equipment Rebate Program, and state-funded programs Keystone Help, the Alternative Fuels Incentive Grant Program and the Small Business grant programs.
 - Mr. Williams asked if "Energy Security" (on the Power Point Presentation) referred to the Energy Assurance Plan, and Mr. Griffiths said that it did.
 - Mr. Ellis asked for clarification regarding how much money has been dispersed by the Pennsylvania Sunshine Program so far. Mr. Griffiths stated that the number he gave (about 70 million dollars) corresponds to the amount of money reserved rather than rebates dispersed for completed projects. Mr. Griffiths explained the reservation process, in which contractors reserve rebates for projects in advance to ensure that rebates will be available for their customers when the project is completed.
 - Mr. Ellis asked how the figure of "550 permanent jobs created" was calculated. Mr. Griffiths explained that this is probably a conservative estimate because it is based on the number of installers approved and registered under the program, but he's spoken with installers who have quadrupled their employment in the past year and because of market forces at work in the solar industry.
 - Mr. Willcox asked how much ARRA money we've doled out and how much we have remaining. Mr. Griffiths said that we've committed about 80% of the money and expect to commit the rest within the next six weeks. By the end of the calendar year, we should have about 80% actually spent.
 - Ms. Loftness asked if HHERP is only for homeowners and Mr. Griffiths responded that it is. Secretary Hanger noted that there are other agencies and programs for landlords and renters, who are omitted from that rebate program. He and Mr. Griffiths mentioned a number of other programs that address energy efficiency in different sectors, and pointed out that there are also some federal programs in the works that would provide a great deal of funding for energy efficiency projects in homes and businesses.
 - Ms. Loftness asked if any performance metrics are in place to monitor the projects funded by these programs. Secretary Hanger answered that all of our grant programs have rigorous standards in terms of metrics that demonstrate the project is performing and the monitoring of those metrics. Projects are evaluated weekly.

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- Mr. Sherrick presented an update on Senate Bill 1282, which relates to bioheating oil. *(Note: Both presentations are part of the CCAC PowerPoint, which is posted to the CCAC website as a meeting material.)*

HOUSE BILL 2405-ALTERNATIVE ENERGY PORTFOLIO STANDARD, BLACK AND VEATCH ASSESSMENT AND ENERGY VENTURES ANALYSIS REBUTTAL

- Mr. Andrew Place presented the “Black and Veatch Assessment” of House Bill 2405, the Alternative Energy Portfolio Standard (AEPS) and the Energy Ventures Analysis Rebuttal of that assessment. *(Note: the presentation is posted to the CCAC website as a meeting material.)*
 - Mr. Ellis disagreed with the Black and Veatch Assessment’s projection of job creation in the renewable energy sector and its projection of the effects of potential carbon pricing.

APPOINTMENT TERMS FOR COMMITTEE MEMBERS

- Ms. Hoover reviewed the list of nine committee members whose terms will be expiring in July and noted that the terms of the chair and vice chair will expire in October. The Department will send letters to the Governor and legislative leadership informing them that new appointments or reappointments should be considered for those members.
 - Committee members raised concerns about diversity of representation, and Mr. Sherrick and Mr. Griffiths indicated that the Department would make an effort to inform the appointing entities that certain sectors are unrepresented, such as transportation and agriculture. Ms. Loftness also emphasized the need for the continuity of representation in the building sector and other sectors that may only be represented by a single member.
 - Committee discussed attendance issues and whether those issues impact the reappointment process and how to increase attendance by having Webinar meetings or emphasizing the availability of phone conference capabilities.

PUBLIC COMMENT

There were no public comments.

UPDATES TO CLIMATE CHANGE INITIATIVES (CONT.)

- Ms. Hoover updated the committee on the progress of the Adaptation to Climate Change Working Groups. She spoke about the first Infrastructure Group Meeting and the general meeting timeline.
 - Ms. Loftness again expressed concern that land use and buildings would not be adequately addressed in the Infrastructure Working Group due to the breadth of sectors the group must cover. Since the meeting, Maureen Guttman of the Governor’s Green Government Council has agreed to participate in the working group to represent this sector.
- Mr. Sherrick discussed the Department’s effort to identify potential mechanisms to facilitate and implement the individual Climate Change Action Plan work

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plans. He asked for committee feedback regarding the tables the Department produced and what the committee regards as priorities.

- Ms. Hoover reviewed the EPA Final Tailoring Rule, which Assistant Counsel Bo Reiley reviewed as a proposed rule at the January meeting. The final rule was announced on May 13, 2010.

LUNCH

COAL VENTILATION AIR METHANE EMISSION ABATEMENT PROJECT

- Mr. Steve Winberg, the Vice President of Research and Development at CONSOL Energy, gave a presentation on CONSOL's Coal Ventilation Air Methane Emissions Abatement Project. (*Note: the presentation is posted to the CCAC website as a meeting material.*)
 - Mr. Ellis asked Mr. Winberg to elaborate upon what is meant by "Ventilation Air Methane." Mr. Winberg explained that this refers to what coal mines vent into the atmosphere for safety reasons—during mining operations, air is circulated through the mine to keep methane concentrations low, but there is still a lot of methane to be collected.
 - Mr. Desmond asked if CONSOL would use the heat generated by the process to generate electricity, and Mr. Winberg explained that this is possible but that it is not economically viable at this time to install the equipment that could do that. CONSOL is considering this for the future if the cost of electricity makes incorporating this into the process economically feasible.
 - Mr. Sherrick asked if CONSOL is able to concentrate the methane, and Mr. Winberg said that their goal is to destroy it, not concentrate it.

ENERGY INFORMATION ADMINISTRATION REPORT

- Ms. Hoover briefly reviewed the EIA report titled *U.S. Carbon Emissions in 2009*, which reports a significant decline in carbon emissions in 2009. This was a result of the combined forces of the recession, greater fuel efficiency, and switching to less carbon-intense fuels.

GOVERNOR'S CENTER FOR LOCAL GOVERNMENT SERVICES

- Mr. Fred Bañuelos, Deputy Director of the Governor's Center for Local Government Services, gave a presentation outlining what the center does. (*Note: the presentation is posted to the CCAC website as a meeting material.*) The Center is the principle state entity for land-use planning and technical assistance for local governments.

ADJOURN

Mr. Williams declared that the meeting was adjourned at 2:00 P.M.