



## Meeting Record

- A moment of silence was observed in memory of September 11<sup>th</sup>.
- Votes were taken for Chair and Vice-Chair position. All members present voted; John Valeri had been chosen for the position of Chair and Allen Weston for Vice-Chair. Mr. Valeri and Mr. Weston accepted, and the decision was unanimously, approved by all members present.
- Presentation was given by Rebecca Hobbs and Ken Ratzman on OCS Rule. Presentation will be posted on the webpage.
- Leonard Bielory made a motion to adjourn; Toby Hanna seconded the motion. Meeting was adjourned at 11:09am.

## Administrative Report

*Presented by Ken Ratzman, Assistant Director of Air Quality*

### Electric Vehicles and Mobile Sources

1. **New Jersey's Electric Charging Infrastructure** – On July 17, 2019, Electrify America LLC, a Volkswagen subsidiary formed to implement terms of the federal settlement, announced the opening of its first electric vehicle fast charging station in New Jersey. The station, located in Bridgewater, NJ, is Electrify America's first step towards their commitment of installing 10 charging stations featuring 59 chargers in New Jersey in the coming months. Electrify America is investing \$2 billion over 10 years in electric vehicle charging infrastructure, education and access as required by a federal enforcement settlement. A press release announcing the Bridgewater charging station included a quote from Governor Murphy.
2. **DEP EV Fleet Conversion Project Update** – The DEP has started to replace old, inefficient fossil fuel fleet vehicles with four Chrysler Pacifica plug-in hybrid electric minivans, which can drive 32 miles on electricity before switching to gasoline. Once Treasury finalizes the state sedan contract, Air Quality will purchase six all-electric sedans for use by General Services and DEP programs. Charging stations have been installed at 401 E. State Street (2 DC Fast chargers and 1 Level 2 charger). Installations are scheduled for August 26 at the Document Control Center (4 Level 2 chargers) and are pending for 225 E. State Street (2 Level 2 chargers).
3. **EV Ride & Drive survey results** – AQES conducted four electric vehicle Ride & Drives throughout the State earlier this year, and attendees were asked to complete a pre and post-drive survey. At all four events, >90% of respondents indicated that they had a positive experience. Drivers' opinion of the overall quality of the electric vehicles compared to traditional vehicles increased after their test drives, with the most significant increase at Bristol-Myers Squibb – Lawrenceville, where the percentages increased from 36% (pre-drive) to 71% (post-drive). Survey results showed that participants didn't know how much range their vehicle would need to meet their daily commutes. Additional Ride & Drive events are in development.
4. **New Port Authority of NY/NJ Policy** – The Port Authority of NY/NJ recently proposed a new policy on airport ground support equipment, requiring owners of that equipment at Port Authority airports to start converting to electric by 2025. The Port Authority also plans to impose a ban on new diesel/gasoline ground support equipment prior to the 2025 deadline and add age limits on equipment that cannot be electrified. Melissa Evanego from AQES' Division of Air Quality was invited to speak about available funding opportunities that NJ has as it relates to airport ground support equipment.
5. **Volkswagen Mitigation Trust funding request approved** -- On September 3, 2019, the Volkswagen mitigation fund trustee approved the 10 funding requests NJDEP submitted on June 3, 2019 for \$16 million to deploy electric heavy-duty garbage trucks, school buses, and port related vehicles. This is the DEP's second round of requests for funding from the state's \$72.2 million share of federal settlements to resolve claims that Volkswagen installed emissions defeat devices in vehicles it manufactures to emit air pollutants without being detected by emissions-testing programs across the nation. The next step is for AQES staff to execute grant agreements with the project partners.

6. **Treasury releases Vehicle Inspection and Maintenance Program Request for Proposals** -- On August 28, 2019, Treasury released a Request for Proposals drafted by the Motor Vehicle Commission for a contractor to operate the statewide vehicle inspection and maintenance program. AQES technical staff will participate on the bid evaluation committee. The existing contractor, Parsons, has been operating under numerous contract extensions, with the next one set to expire in November 2019. Bids are scheduled to be opened on November 7, 2019 and the new contract will start on Feb 11, 2020.

### **Energy**

7. **Energy Master Plan Update** – On July 17, 2019, the Board of Public Utilities hosted its first two public stakeholder meetings to receive comment on the draft Energy Master Plan released earlier in July. The Board staff were joined by representatives from the Departments of Environmental Protection, Transportation, Community Affairs and Treasury and the Economic Development Authority. Approximately 40 individuals provided comments throughout the two session. While commenters generally commended the State agencies for developing a comprehensive plan, many felt the plan lacked urgency, given the threat of climate change; expressed concern about defining “clean energy” as “carbon neutral” as opposed to “renewable energy”; urged the State to consider an immediate moratorium on new fossil fuel infrastructure in the State; and encouraged the DEP to use its existing authority to implement carbon rules.
8. **BPU Announces Solar Transition Incentive Proposal** – At their August 7, 2019 meeting, the BPU Board voted to approve a rule proposal to amend the Solar Renewable Energy Credit (SREC) program. Specifically, the rule proposal amends the SREC registration program to include a process for the Board to determine that 5.1% of the electricity sold in New Jersey has been attained from solar electric generation facilities. The Clean Energy Act of 2018 requires the closure of the current SREC program to new applications either when the state meets the 5.1% milestone or by June 2021, whichever comes first. The proposal will be published in the New Jersey Register with a 60-day public comment period. BPU hosted a webinar to discuss its staff straw Solar Transition Incentive proposal and take public comments. The straw proposal lays out the framework for the possible design of the transition program for solar development incentives. BPU also hosted two stakeholder meetings, August 28<sup>th</sup> at the Trenton War Memorial and September 4<sup>th</sup> at Rutgers New Brunswick, to solicit public input to help form the final design of the transitional program.

SREC Transition Website: <http://njcleanenergy.com/renewable-energy/program-updates-and-background-information/solar-proceedings>

### **Air Permits**

9. **Aries Clean Energy Air Permit** – On July 10, 2019, AQES’ Division of Air Quality issued a minor source preconstruction permit for a sewage sludge gasification system at Aries Clean Energy in Linden, New Jersey. The permit, which allow Aries to process up to 430 tons per day of domestic sewage sludge, meets all State-of-the-Art air pollution control, recordkeeping and monitoring requirement to ensure compliance with emission limits. The permit provides Aries flexibility to operate the system on natural gas only, so the sludge could be dried and transported off-site when the gasifier is not in operation. While Aries is co-located at the Roselle Linden wastewater treatment plant, the permit does not allow for the sharing of waste or products between the two facilities.
10. **Environmental Improvement Pilot Test Permit** -- On July 17, 2019, AQES issued Chemours Chamber Works in Pennsville an Environmental Improvement Pilot Test Permit (EIPT) allowing them to temporarily install and operate a pilot-scale carbon adsorption system upstream of an existing packed scrubber. The EIPT will allow Chemours to evaluate the performance of the carbon adsorption system

in reducing total perfluorooctanoic acid (PFOA), and all PFOA and PFAS substances (including their patented GenX) from their lubricant (Krytox) manufacturing unit.

11. **Cogen Technologies Linden Venture Final Permit Issued** -- On July 30, 2019, AQES issued a Title V Operating Permit for Cogen Technologies - Linden to construct and operate a new 250 megawatt combined-cycle combustion turbine equipped with CO oxidation catalyst and Selective Catalytic Reduction (SCR) technologies to reduce carbon monoxide and oxides of nitrogen emissions, respectively. The project meets all regulatory requirements, including Best Available Control Technology (BACT), Lowest Achievable Emission Rate (LAER) and State of the Art (SOTA). The Department received no adverse public comments during the public comment period that included a public hearing in Linden, and no comments were received from EPA during their 45-Day review.
12. **First Fumigation Facility Air Permit Issued** – On August 1, 2019, AQES' Division of Air Quality issued an air permit to the new fumigation facility 850 Sherman Avenue Warehouse (Standard Warehouse and Distribution Company) in Pennsauken, New Jersey. The permit requires that the facility, which uses sulfur dioxide under tarps to fumigate cocoa beans, seal all building openings to create a total enclosure and vent all emissions through a 46-foot vertical stack. Modeling this configuration at the permitted fumigation usage rate passed health risk. The permit also requires appropriate monitoring and reporting to ensure the amount of fumigant does not exceed allowable limits and emissions remain in compliance.
13. **USEPA Denied Title V Permit Petition** -- On August 16, 2019, the USEPA denied the petition requesting that the USEPA Administrator object to a Title V permit for Newark Cogeneration Partnership LP based on a review of the petition, the permit, the permit record, and relevant statutory and regulatory authorities. The Petition was filed on March 18, 2019, by the Ironbound Community Corporation (ICC) after the Department approved the Permit on January 29, 2019. The ICC can appeal the USEPA denial to the U.S. Court of Appeals.

#### **SIP/ Rulemaking**

14. **EPA Final Ozone Attainment Determinations** -- On August 7, 2019, EPA took final action on “moderate” nonattainment areas for the 2008 75-ppb ozone National Ambient Air Quality Standard, which includes the area that encompasses Northern New Jersey. Specifically, EPA determined the Northern New Jersey area failed to meet its attainment date and reclassified the area to “serious” nonattainment. This reclassification requires New Jersey, New York and Connecticut to revise their State Implementation Plans by August 3, 2020 to demonstrate how the multistate area will attain the NAAQS by July 20, 2021. This action conflicts with EPA’s earlier decision to extend the compliance date for upwind states to meet their “Good Neighbor” transport obligations for the 75-ppb ozone standard to 2023. New Jersey’s new attainment plan would be based on the average of 2018-2020 ozone season monitoring data, a full 3 years prior to when upwind states contributing to the area’s nonattainment status would be required to meet their “Good Neighbor” transport requirements.
15. **Regional Haze State Implementation Plan Revision Proposal Issued** -- On August 22, 2019, AQES’s Division of Air Quality proposed a revision to New Jersey’s Regional Haze State Implementation Plan to protect and enhance visibility levels in the Brigantine Wilderness Area of the Edwin B. Forsythe National Wildlife Refuge, a federally designated Class I area. The proposal establishes the reasonable progress goal for the second planning period (2018 – 2028) to keep on track to achieve natural background visibility levels at Brigantine by the year 2064. The proposal also demonstrates that New Jersey is on target for meeting that goal. A public hearing is tentatively scheduled for September 25, 2019; but would only be held if a request for the hearing is made by September 18, 2019. The public comment period will end on October 2, 2019.
16. **Consumer Products/Aftermarket Catalysts** – Two separate proposals jointly hosting stakeholder and hearing venues for efficiency – one to update the state’s consumer product requirements; the other to address the sale and installation of non-certified aftermarket catalytic converters. Both proposals will

use other state or regional organization model rules as their basis. A stakeholder meeting was held on September 6, 2019, which was well-attended by industry groups. Though invited, environmental groups were not in attendance.

**2019 MEETING DATES & LOCATIONS (tentative)**

**\*Parking arrangements will be given in monthly email\***

January 9	ERM, 200 Princeton South Corporate Centre, Suite 160, Ewing
February 13	STEM building at Kean University, 1075 Morris Ave, Union, NJ 07083
March 13	NJ DEP, 401 East State Street, 6th Floor, Trenton
April 10	NJ DEP, 401 East State Street, 6th Floor, Trenton – PUBLIC HEARING
May 8	Raritan Valley Community College Atrium, 118 Lamington Rd, Branchburg, NJ 08876
June 12	NJ DEP, 401 East State Street, 6th Floor, Trenton
July 10	NJ DEP, 401 East State Street, 6th Floor, Trenton (present to Commissioner)
August 14	No meeting.
September 11	Chamber of Commerce, 216 W. State St., Trenton, NJ
October 9	NJ BIA, 10 West Lafayette Street, Trenton, NJ
November 13	NJ DEP, 401 East State Street, 6th Floor, Trenton
December 11	IBEW, Local 94, 219 Franklin St., Hightstown, NJ