

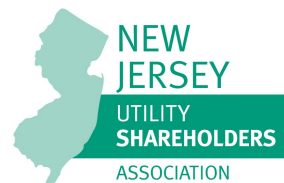
## PSEG Announces Major Emissions Cuts *continued*

PSEG is not only New Jersey’s largest supplier of low- and zero-carbon electricity and energy-saving solutions, but also has a 115-year history of being an industry leader. When it comes to addressing climate change, among PSEG’s achievements are:

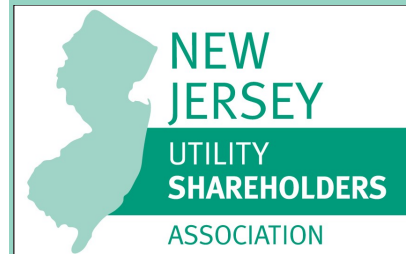
- solidifying PSEG Power’s Salem and Hope Creek nuclear generating plants futures by receiving state regulatory approval of a “zero emissions credit” financial strategy that will enable the plants to supply more than 90% of the state’s carbon-free power;
- retiring or selling by 2021, more than 2,400 MW of coal-fired generation, thus nearing completion of its strategy to exit electricity generated by coal—exemplifying this strategy is PSEG Power’s June 2019 announcement of its agreement to sell its interest in the Keystone and Conemaugh coal plants in western Pennsylvania;
- implementing energy efficiency programs that have saved \$242 million a year in customers’ energy costs as well as enough electricity annually to power 38,000 homes and enough natural gas to supply 9,000 homes—these energy savings avoided air pollution equivalent to removing 37,000 cars from the road for one year;
- subject to BPU’s approval of its pending regulatory filing, PSE&G would invest \$2.5 billion via its “Clean Energy Future” proposal to implement 22 energy efficiency programs that would allow participating customers to save \$5.9 billion on their bills by helping them use less energy and reduce carbon emissions; and
- supporting New Jersey’s efforts to develop offshore wind facilities, including support of Ørsted in its Ocean Wind project, which recently won BPU’s solicitation of bids to develop 1100 megawatts of offshore wind capacity off the New Jersey shore.

To learn more about PSEG’s “Powering Progress” vision visit <https://www.psegpoweringprogress.com/>.

TO LEARN MORE ABOUT NJUSA, CONTACT US DIRECTLY:  
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117 N. Church Street, Moorestown, NJ 08057



Members inside the lobby of New Jersey American Water’s Delaware River Water Treatment Plant

# NJUSA Insight

## NJUSA Members Tour New Jersey American Water’s Delaware River Water Treatment Plant

On May 8, 2019, NJUSA members got a behind-the-scenes look at New Jersey American Water’s Delaware River Regional Water Treatment Plant in Delran. Thirty members travelled from six NJUSA shuttle locations across the state to the facility where they saw what is involved to bring 40 million gallons of water each day from the Delaware River, treating it to meet safe drinking water standards and delivering it to customers.

During the tour, members learned that having access to clean, drinkable water involves much more than just turning on the tap: It requires hiring, training and retaining highly qualified and dedicated workers; a commitment to health and the environment, use of state-of-the-art

technology and rigorous compliance with regulations—all of which take significant financial resources.

Members arrived at the plant and were greeted by Eric Hahn, Senior Production Manager, Ralph Jedlicka, Director of Investor Relations and Chelsea Simkins, External Affairs Manager. The NJAW managers provided an overview of the plant and current infrastructure projects, including a new Sodium Hypochlorite System for disinfection and the phasing in of a new operations monitoring system called “Supervisory Control and Data Acquisition (SCADA).” Members were also given the opportunity to ask questions.

Attendees learned that the Treatment

Plant not only draws water from the Delaware River but also has access to well water through local aquifers (sources of water deep underground). The NJ Department of Environmental Protection (DEP) regulates how much water can be drawn from the river and aquifers. To stay within those limits, plant employees continuously monitor how much water is drawn and treated from each source. The treatment plant runs 24/7, 365 days a year – constantly testing, treating and delivering safe water to customers and the nearby municipalities that it serves.

After two safety videos, Eric led members on the tour—starting with the first of five steps in the treatment process. First, untreated water passes through an

**Continued on page 3**

## A MESSAGE FROM THE PRESIDENT

Dear Members,

NJUSA cannot do what it does without members' commitment to our mission and participation in our activities. That is why we sincerely appreciate all our members and are especially grateful to our directors and officers who, as members of NJUSA's governing body—the Board of Directors—go beyond what we ask of the general membership and devote their time throughout the year to oversee and give guidance on NJUSA's operations.

Each year at the Annual Board of Directors' Meeting, officer and director elections are held. We've been fortunate to have members who volunteer to be on the Board of Directors, some of whom have been with us since the first Annual Meeting in 2015. Results of the election can be seen to the right and with gratitude we congratulate and thank all NJUSA's officers and directors!

A different sort of appreciation was expressed by the thirty members who participated in the tour of the New Jersey American Water treatment plant in May. Many said how impressed they were with the plant operations, the deep knowledge of the plant manager, Eric Hahn, and how much they learned about the complexities involved to deliver safe drinking water to our homes and businesses every day.

During the tour, members learned that having access to safe and clean drinking water involves much more than just turning on the tap, something we all take for granted. They came away with a better understanding of why it is important to hire, train and retain highly qualified and dedicated workers; how critical it is for the operators to have a commitment to public health and the environment, the value of using state-of-the-art technology to monitor water quality and how a commitment to superior performance and rigorous regulatory compliance can go hand in hand with strong financial results. Members saw and appreciated the Delran plant as an example of the significant financial resources needed to ensure continuous utility operations, and why attracting and retaining utility investors, like the members of NJUSA, is critical to New Jersey's quality of life and economy.

Karen D. Alexander  
President

## NJUSA Board Election Results

Below are the result of the 2019 directors and officers' elections held on June 5.

For second terms as directors: Stephanie Scola, Tim Hearne and Mary Ann Martin were re-elected.

Joining the Board as new directors serving their first terms: Andy Bergen, Art Guida and Kathleen Lally.

Serving as NJUSA Officers for the next two years:

**Tim Hearne**, as Chair;  
**Mary Ann Martin**, as Vice Chair;  
**Stephanie Scola**, Treasurer.

Ron Pitko, who joined the Board in 2017 and was elected Secretary last year, will continue as Secretary.

## PSEG Announces Goal of Reducing Carbon Emissions 80% by 2046 *continued on page 4*

As part of its "Powering Progress" vision for the actions it will undertake to help achieve a clean energy future, PSEG has announced that it will cut its power fleet's carbon emissions 80% from 2005 levels by 2046 as well as attain net-zero carbon emissions by 2050, assuming advances in technology and public policy.

This announcement is the next step in PSEG's "Powering Progress" vision, which outlines PSEG's mission to help customers use cleaner and less energy overall, as well as deliver energy in reliable and resilient ways. "Powering Progress" reflects PSEG's belief that energy efficiency, and customers' access to energy efficiency strategies, is at the core of its mission as a leading energy enterprise.

"The science of climate change is clear and we believe society must move beyond simply 'heeding warnings' to act on them," Ralph Izzo, PSEG Chairman, President and CEO, said. "PSEG has a long history of taking ambitious action to enhance the lives of our customers and communities. As we share our vision to achieve net-zero carbon emissions by 2050, we recognize that there is not one magic bullet that will get us to a 100% carbon-free future. The energy industry has always relied on innovation, efficiency, smart policies and an all-of-the-above strategy to address its greatest challenges. Succeeding in a carbon-constrained future will not be any different."

Since 2005, PSEG Power's fleet has reduced its carbon emissions by more than 40%. According to "Benchmarking Air Emissions of the 100 Largest Electric Power Producers in the United States," a series released by M.J. Bradley & Associates, Bank of America, CERES, Entergy, Exelon and the Natural Resources Defense Council, PSEG already has one of the lowest carbon emissions rates among the largest U.S. power producers.

## Members Tour Treatment Plant *continued*

ozone filter which, combined with a coagulant, starts to disinfect the water and forms sticky particles called "floc" that attract dirt and other particles. Second, the water goes through sedimentation where the floc is separated from the rest of the water in tanks. Third, after sedimentation, the water is filtered again to remove even smaller particles. Fourth, the water is disinfected with chlorine. Last, the treated water is either stored for future distribution or sent through the plant's distribution mains and pipes to communities located within Burlington, Camden, Gloucester and Salem Counties.

Throughout the treatment process, NJAW employees constantly monitor and test the water to ensure that it meets or surpasses all NJDEP and USEPA standards for safety and quality. Last year, professionals at the Delaware River Water Treatment Plant completed more than 300,000 water tests.

The plant's control room is staffed 24 hours a day, 365 days a year to ensure the safe storage and delivery of clean drinking water. From the control room, all plant operations, as well as the performance of the wells and aquifers, are monitored. This means that in case of emergencies, such as a water main break or fire in a town served by the plant, water can be sent to where it's needed or diverted from a trouble location in the system.



Members at pre-tour safety training.



Eric Hahn, Senior Production Manager, explains the water treatment process.



Eric Hahn, Senior Production Manager, explains the water distribution process.

### Reminder: RSVP for North Jersey Lunch and Learn!

Wednesday, September 18 at the Holiday Inn  
Hasbrouck Heights

Guest Speaker: Victor Viscomi  
Senior Director, Clean Energy Future Program Delivery &  
Strategy

Topic: "PSE&G's Clean Energy Initiatives"

To RSVP, call Hailey at 856-840-4089

Members who would like a copy of NJUSA  
President Karen Alexander's Central Jersey  
Luncheon presentation:

**"Why State Policy Decisions on Utilities  
Matter"**

Please contact Hailey at 856-840-4089