

JERSEY GREEN

Official Newsletter of the New Jersey Association of Energy Engineers

April, 2019

Volume 2019-01

CONTENTS

Name the Newsletter Results

NJAEE Announces
Committee Members for 2019

Annual Energy Forum
Agenda 2019

Community Solar Pilot
Program

NJ Energy Master Plan

Natural Gas Prices Softening

Energy Auditing in New York
City

Announcements

Commentary

Connie's Corner

NAME THE NEWSLETTER RESULTS

In a stunning turn of events, a write-in candidate received the most votes for the name of our newsletter, which will hence forth go by "**Jersey Green.**" Thanks to all the participants in the process!

NJAEE ANNOUNCES COMMITTEE MEMBERS FOR 2019

The following is a listing of NJAEE's committees and members. Please feel free to reach out to any of the members for additional information:

Monthly Meetings - Tim Fagan, Tejas Desai & Jeff Hogan

Energy Forum - Gearoid Foley, Ron Lloyd & Tom Marquet

Scholarships - John Drzymkowski, Tom Marquet, Amelia Axtell

Corporate Sponsorships - Paul Sweetwood, Fran Rooney

Newsletter - Paul Sweetwood, Ahmed Mousa, James Pfeiffer

Website - Haiyan Zhao, Jeff Hogan, Rudy Bohince

CEM Training Class - John Drzymkowski, Amelia Axtell

ANNUAL ENERGY FORUM AGENDA 2019

Once again, the NJAEE will sponsor its Annual Energy Forum to wrap up its 2018-2019 meeting calendar. The Energy Forum will take place on Thursday, **May 23, 2019** at the Student Center at the Rutgers Douglass Campus Center, 100 George St, New Brunswick, NJ 08901 (a larger venue than the last couple of years based on the interest expressed by the membership). Please note that **CEU's will be available for technical sessions.**

The following is the tentative agenda:

- 8:00am Registration and Networking
- 9:00am NJ Energy Policy Direction & Energy Technology Options
- 12:00pm Lunch
- 1:00pm Technical Sessions
- 3:00pm Adjourn

Cost: \$100 payable in advance, \$110 at the door.

Further Info: See NJAEE website for updated information

www.njaee.org

**Stay tuned as the final agenda is
circulated in the next couple of weeks.**

This should be a landmark event!



Upcoming Meetings

April 24, 2019

Demand Response and the PJM Market
Trane, Pine Brook
Dinner

May 23, 2019

Energy Forum: Energy Policy and
Technology Trends
Rutgers
Day Event

NJAE Board Members

John Drzymkowski, President

Tom Marquet, Treasurer

Amelia Axtell

Rudy Bohince

Tejas Desai

Connie Des Rochers

Tim Fagan

Gearoid Foley

Jeff Hogan

Rob Lloyd

Ahmed Mousa

James Pfeiffer

Fran Rooney

Paul Sweetwood

Haiyain Zhao

COMMUNITY SOLAR PILOT PROGRAM

New Jersey has been a national leader in solar development, with over 2,700 MW of solar capacity installed throughout the state. Despite this success, many residential customers have no ability to participate in the solar market. Customers that rent their homes, or live in apartment buildings, many of whom are lower income customers, have not been able to participate in the solar market. In 2018, Governor Murphy signed the Clean Energy Act, which required the Board of Public Utilities to develop a Community Solar pilot program, to bring the benefits of solar to more customers.

On February 20, 2019, the Board of Public Utilities published its final rules for the Community Solar pilot program. This is the first step in bringing solar to all customers in the State. The pilot is a three-year program, targeting to install 75 MW per year of Community Solar to customers. Customer that participate can become subscribers to a large Community Solar project, getting a retail credit off their bill for the amount of solar they subscribe, similar to how customers with solar on their roofs get credit off of their retail bill. They will pay a subscription fee to the Community Solar project owner, which should be a lower price than their retail bill, allowing them to save money each month. The Board has also required that 40% of the subscribers be low to middle income customers, so ensuring that the benefits of solar be shared with those struggling to make ends meet each month. Now that the rules are set, developers are free to begin to put projects together and enroll customers, opening a new chapter of solar development in New Jersey.

NJ BPU Community Solar Applications will open on April 9, 2019 and close on September 9, 2019.



Announcements



Want to become more involved?

Have something to share with the Chapter?

We are always looking for fresh ideas and input.

If you are interested in participating in the publication or the organization, please contact us at: aee.newjersey@gmail.com

NJ'S ENERGY MASTER PLAN

New Jersey's 2019 Energy Master Plan (EMP) is intended to set forth a strategic vision for the production, distribution, consumption, and conservation of energy in the State of New Jersey. The State's energy policy reflects the full scope of New Jersey's current energy service and its future. New jobs, industries, and workforce development will be needed, providing exciting, new opportunities for New Jersey residents and businesses.

As part of this new vision for a sustainable future, the new EMP will reflect new goals for the state:

1. Putting New Jersey on a path to achieve 100 percent clean energy by 2050
2. Growing New Jersey's clean energy economy
3. Ensuring reliability and affordability for all customers
4. Reducing the state's carbon footprint
5. Advancing new technologies for all New Jersey residents

The work groups will develop a draft plan and again solicit public feedback in spring 2019, with final presentation of the 2019 Energy Master Plan to Governor Murphy by June 2019.

NATURAL GAS PRICES SOFTENING

The Energy Information Administration (part of your federal government) March 12 Energy Update contained the following:



The Henry Hub natural gas spot price averaged \$2.69/million British thermal units (MMBtu) in February, down 42 cents/MMBtu from January. EIA expects strong growth in U.S. natural gas production to put downward pressure on prices in 2019. EIA expects Henry Hub natural gas spot prices will average \$2.85/MMBtu in 2019, down 30 cents/MMBtu from 2018. NYMEX futures and options contract values for June 2019 delivery traded during the five-day period ending March 7, 2019, suggest a range of \$2.40/MMBtu to \$3.51/MMBtu encompasses the market expectation for June 2019 Henry Hub natural gas prices at the 95% confidence level.

This is significant to those of you in the CHP business or those who have CHP units because it means that the price you pay for gas will either remain flat or decrease thus preserving or enhancing your energy savings.

"I'd put my money on the sun and solar energy. What a source of power! I hope we don't have to wait until oil and coal run out before we tackle that"

"Opportunity is missed by most people because it is dressed in overalls and looks like work."

"A genius is often merely a talented person who has done all of his or her homework."

-Thomas Edison

CONNIE'S CORNER

Mr. D.R. has his ear to the ground to hear little tidbits from the energy front line! This month, our sleuth Connie reports:

► ***Connie reports there is a lot of activity related to offshore wind recently***

Catch up with Connie at one of the monthly meetings for more industry buzz!

ENERGY AUDITING IN NEW YORK CITY

The NYC Department of Buildings has proposed amending the rules which govern energy audits and retro-commissioning. Part of it states:

The energy auditor must be a registered design professional, and the energy auditor or an individual under the direct supervision of the energy auditor must be a Certified Energy Manager (CEM) or Certified Energy Auditor (CEA), certified by the Association of Energy Engineers (AEE).

As it turns out, in another area they define 'registered design professional' as someone who holds a PE or RA. The implication is that it's OK for a CEM or CEA to do the work under the direct supervision of a PE or RA.

Bill Kent, our executive director, found out about this and sent NYC DOB a letter on March 6 stating that "... that our Certified Energy Manager (CEM) and Certified Energy Auditor (CEA) are globally recognized ... with the competency to perform the specific work ... and should not require direction or oversight by a "Registered Design Professional". "

There was a hearing on March 12 at which some people from the NYC AEE chapter spoke echoing Bill's comments. Many of our members do energy work in NYC. Even though the formal comment period is closed, you should be aware of this proposed ruling by NYC DOB and voice your comments to DOB personnel should you have the opportunity.

