

## State News for NSPE Members

### NSPE-VT Members Featured in *PE* Magazine

The latest issue of *PE* magazine showcases the perspectives and important work of NSPE-VT members on addressing climate change issues and educating the next generation of engineers to develop innovative engineering solutions.

#### [The PE Voice in a Changing World](#)

NSPE-VT Past President Bill Atkinson, P.E., F.NSPE, shares his perspective on how professional engineers can play a leading role in discussions and actions around environmental change.

#### [Designing a Brighter Future](#)

NSPE members and professional licensed engineers are stepping up to lead on creating sustainable and resilient communities. This article puts a spotlight on the Vermont Technical College Architectural Engineering Technology bachelor's degree program that is nationally recognized for its zero energy design focus. Brad J. Miller, P.E., J. Chris Reilly, P.E., and Scott Sabol, P.E., serve as educators in the program.

*\*Members must use their NSPE website login and password to access [PE magazine](#). Some members can also access the [digital version](#) of the magazine.\**

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### Voters Sign Off on Upgrades to Wastewater and Stormwater Projects

Thanks to voter approval on Town Meeting Day, several water and sewer systems across Vermont — one of the most expensive categories of public infrastructure — are set for big upgrades, the [VT Digger](#) reports.

In South Burlington, voters approved a \$33.8 million bond that would fund the largest wastewater project on any ballot in the state. The vote was 2,914-436.

City officials plan to use about \$22 million to upgrade the city's wastewater plant at

Bartlett Bay Road and another \$1.8 million to upgrade the Airport Parkway plant, which handles the solids that are filtered out from wastewater. They have also designated \$4.4 million to update or replace four old wastewater pump stations in close proximity to Lake Champlain.

In Rutland City, voters approved two water-related bonds, according to the Rutland Herald. A \$2.5 million bond is set to support replacements for cast iron water mains that are more than 125 years old. The upgrades are part of a long-term city project. [Read more.](#)

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## **Bullrock Renewables to Build 3.3 Megawatt Bristol Solar Project**

Vermont-based Bullrock Renewables recently announced that it is building a 3.3 megawatt "SPEED project" in Bristol. The project, dubbed "Bristol Solar," is slated to be operational this October. In the coming months, 12 full-time employees will be dedicated to constructing the ground mount array, [Vermont Biz reports](#).

The South Burlington-based company was founded in Vermont in 2017; in addition to advancing solar projects in Vermont, the renewable energy construction firm has developed a wide range of solar projects throughout the region, including sites in Connecticut, New York, and Maine.

"This SPEED project in Bristol was at risk of not being built with permits expiring," said Bullrock Founder and Chairman Gregg Beldock. "We're able to make complicated projects work. I am excited to have this Vermont project in our growing solar portfolio."

Vermont established the Sustainably Priced Energy Enterprise Development Program (SPEED) program in 2005 to encourage the development of renewable energy sources in the state.

Bullrock Renewables is the leading solar company in Vermont, with operations throughout the Northeast. The company offers a unique list of solar services and award-winning construction expertise. [Read more.](#)

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NSPE's **Job Board** is your one-stop resource for professional engineering employment. Whether you are on the hunt for your next career move or looking for today's top engineering leaders and talent, you will find it here.

NSPE provides the tools PEs need to keep current in the profession and advance their careers.

### **Featured Job**

[VT Structural Engineers 5 to 15 Years](#)

Burlington, VT

[Find more job openings or reach the right employees on the NSPE Job Board.](#)

*Stay up to date on legislative issues through the [NSPE Advocacy Center](#) .*

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## **TVA Engineer Named 2023 FEYA Winner**

**Stephen Craven, Ph.D., P.E.**, was named [NSPE's 2023 Federal Engineer of the Year](#) for his innovative work securing Tennessee Valley Authority (TVA) substations and developing improved communication architecture. Now in its 44th year, the Federal Engineer of the Year Award is the only one of its kind to solely recognize outstanding engineers employed in the federal government. Federal agency winners were honored during a ceremony held at the National Press Club in Washington, DC, on February 24.



Stephen Craven is a third-generation TVA engineer, serving at the agency's Power Service Center in Chattanooga, Tennessee. Among his accomplishments, Craven has helped secure substations against cyber-attacks, designing ways to keep critical equipment disconnected from external attackers and yet still be remotely monitored for anomalies. He was also instrumental in the development of a new communication architecture that is faster, more reliable, and less expensive than previous schemes. [Read more](#) .

FEYA ceremony photos can be accessed on the NSPE [Flickr album](#) .

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## **WORKability Wednesdays Are Back!**

NSPE offers a live webinar series free to members—"WORKability Wednesdays"—to support members with their professional development goals. The series covers

topics impacting the industry and helps to enhance your competencies in the profession. The spring season sessions kicked off on March 8 with [Understanding the New Requirements for Cybersecurity Insurance](#) . Register now at [NSPE's PE Institute](#) and invite a colleague to attend.

### Upcoming webinars

- **March 22**—[Using Construction Manager at Risk Project Delivery to Manage the Current Challenges in Constructing Projects](#)
- **April 12**—[Doing Bad Things for Good Reasons: An Examination of Unethical Pro-Organizational Behavior Among Professional Workers](#)
- **Save the date for webinars on April 26, May 17, and May 31**

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## Take the Milton F. Lunch Ethics Challenge!

Match your wits and knowledge of engineering ethics with experienced professional engineers and engineering students throughout the country! All current NSPE individual members and NSPE chapters (including student members) are invited to participate in the [2023 NSPE Milton F. Lunch Ethics Contest](#) . Contest submissions are due by **May 12**. [View past contest winner entries](#) .

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