

State News for NSPE Members

PE Licensure Renewal Opens in November

The [Florida Board of Professional Engineers](#) has issued a notice that the renewal period for all professional engineers licensed in Florida will open on November 5 and will close on February 28, 2025.

Continuing-education hours for the upcoming renewal period must be completed and reported by midnight February 28. Current, active licenses that are not renewed become delinquent on March 1, 2025, and delinquent licenses become null and void.

[Learn more about the renewal process/guidelines and how to report continuing education credits.](#)

USF Engineering Receives \$2.9M for Groundbreaking Solar Energy Research

[The University of South Florida reports](#) that the school has been awarded \$2.9 million by the U.S. Department of Energy (DOE) to advance research on solar energy grid stability through the innovative use of digital twin technology.

The project, titled “SPRING: Stability Prediction for IBR-Penetrated Grids Enabled by Digital Twins,” is led by principal investigator Dr. Lingling Fan, a professor in the Department of Electrical Engineering at the USF College of Engineering. The research aims to develop new tools for utilities and power plant operators to monitor and manage inverter-based resources, or IBRs, which are critical components in solar power plants.

IBRs, such as those in solar power plants, differ from traditional power sources because of their dynamic behaviors. Current grid management tools only allow operators to react to IBR behaviors after a grid event — such as a storm or cyberattack — has already occurred. Dr. Fan's research aims to change that by

developing tools that provide real-time monitoring and predictive capabilities for these resources. The SPRING project will use digital twin technology to create virtual models of real-world systems. These models will include detailed, real-time measurement data, analytics, and visualization techniques to monitor IBR behaviors in real-time and predict future behaviors. [Read more.](#)

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

Call for Nominations: NSPE Vice President and Treasurer

NSPE is seeking nominees for two key positions on the Board of Directors - Vice President and Treasurer. The Vice President serves four consecutive years as 2025-26 Vice President, 2026-27 President-Elect, 2027-28 President, and 2028-29 Immediate Past President. The Treasurer serves a two-year term, 2025-2027, with eligibility to run for a consecutive two-year term.

To learn more about qualifications, time and financial commitments, and the nominations process, [view the call for nominations packet in the leadership toolbox](#). Nominations are due to the NSPE Secretary at executive@nspe.org by January 6, 2025.

Level Up on WORKability Wednesdays

NSPE offers a live webinar series free to members—"WORKability Wednesdays"—to support their professional development goals. Register now at [NSPE's PE Institute](#) for these upcoming webinars:

October 23— [Understanding Disadvantaged Business Enterprise \(DBE\) Certification - And Why Your Company May Now Be Eligible](#) featuring Danielle Dietrich, Esq.

November 6— [Domestic & Global Construction Market Opportunities and Strategies To 2032](#) featuring Dr. Brandon L. Toliver, P.E.

**Members are advised to consult their state licensing board to determine requirements for PDH or CPD credits.*

Did you miss any recent webinars of the fall season? [Access the recordings](#).



Engineers Week 2025 Kickoff Webinar

It's time to start planning Engineers Week and Introduce a Girl to Engineering Day! On October 23 (12:00 p.m. – 1:00 p.m. ET), we'll share this year's theme, brand new resources, and outreach grants. Attend this free and informative webinar and get ideas you can start using right away. [RSVP today!](#)

DiscoverE Outreach Grants Available

DiscoverE's Outreach Grants are a great opportunity for volunteers and educators to fund their activities and events for Engineers Week and Introduce a Girl to Engineering Day. There are \$250-\$1,000 grants available for programs centered around girls and students of marginalized gender and for underserved students. The deadline to apply for the grants is **November 4**. [Access more information](#) .

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