

State News for NSPE Members

Hawaii Society Officer Joins 2020 Class of NSPE Fellows

We are proud to announce that NSPE-HI Officer **Mike Silva, P.E., LS, LEED AP**, has been granted Fellow membership status by the NSPE Board of Directors.



NSPE named Silva and nine other professional engineers to this year's class of members. The Fellow membership grade honors those active NSPE members who have demonstrated exemplary and devoted service to their profession, the Society, and their community. Requirements for the designation include holding at least one elected office at any level and active involvement at the national level.

"Being recognized for your service to the engineering profession, your successful career, and your involvement in NSPE is a great honor and no small feat, especially when that honor is bestowed by your peers," said Amy Barrett, P.E., F.NSPE, the chairman of the executive committee of the Council of Fellows, in statement. "We are proud of this year's Fellows and their accomplishments and look forward to more great contributions from them in the future."

NSPE-HI Member to Present on Volcanic Eruption Challenges at 2020 Virtual PECon

Hawaii Society member **Curtis Beck, P.E., F.NSPE**, is presenting on a session

titled [Overcoming Volcanic Eruption Damage: How HDOT Kept Two State Highways Open](#) at the 2020 Virtual PE Conference on August 6.

This presentation provides a detailed perspective of the nature of the damage to infrastructure caused by volcanic eruptions and the impact on daily public activities. The solutions shown to the engineering problems that arose illustrate how innovation and critical thinking are as important to the engineering profession as ever.



Curtis Beck, P.E., F. NSPE, a native of Ohio and Hawaii resident since 1979, is a consultant and construction manager for Bowers and Kubota Consulting of Waipahu, Hawaii since 2015. He is a retired department manager for Hawaii Electric Light Company 1993-2013, has a bachelor's degree in engineering physics from Washington University, and a master's degree in mechanical engineering from Stanford University. Beck has been a member of NSPE since 1981, has served in leadership roles at all levels chapter, state, and national, and currently serves on the NICET Board of Governors as Chairman.

[Register now to customize your attendance package for live events from August 3–7.](#)

Largest Energy Storage System in Hawaii Slated for Kapolei

Hawaiian Electric has selected Plus Power to develop what would be the largest battery system for storing electricity in the state.

Plus Power plans to build a facility capable of holding 565 megawatt-hours of electricity at a Kapolei industrial park connected to Oahu's electric grid, according to a *Honolulu-Star-Advertiser* article published on May 27.

Hawaiian Electric sought bids in August for up to 900 megawatts of renewable energy production plus storage representing the largest and most ambitious push to help the utility increase renewable energy from 25% of power generation now to a mandated 40% by 2030 and 100% by 2045.

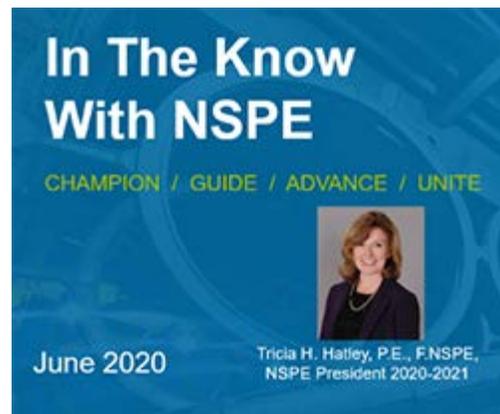
If the Kapolei project is approved by the Public Utilities Commission, Plus Power anticipates starting construction next summer and operating the facility in 2022.

This project is one of 16 renewable energy projects that Hawaiian Electric tentatively selected in May on Oahu, Maui and Hawaii island involving stand-alone storage and solar energy production linked with electricity storage.

[Read the full article.](#)

Are You “In the Know”?

Members who want to get a quick overview of the Society’s news should check out the June [“In the Know with NSPE” video](#) on YouTube. The 15-minute presentation by President-Elect Tricia Hatley, P.E., F.NSPE, covers topics like the reopening of licensing and certification exams, [PE](#) magazine highlights, a breakdown of the Society’s [strategic plan](#) , [advocacy efforts](#) on behalf of PEs, the upcoming [Virtual Professional Engineers Conference](#) , the Society’s [statement](#) on social injustice, and the [Emerging Leaders Program](#) .



Register for the *Virtual* PECon 2020

Registration is now open for the 2020 Virtual Professional Engineers Conference (PECon) on **August 3–7** with events centered around the annual celebration of [PE Day](#) on August 5.

Virtual PECon sessions can be experienced in a live virtual environment or by accessing recordings at a more convenient time. The virtual conference will also provide networking and social connection with colleagues by region and areas of practice in addition to professional development



opportunities.

PECon at a Glance

- Keynote sessions featuring IBM's Global Chief Technology Officer and the Chairman of the National Transportation Safety Board
- Session: [Ensuring Successful Stakeholder and Community Involvement](#)
- Session: [Stormwater Pollution Prevention Planning: Compliance Guidelines for Your Facility](#)
- Session: [Professional Engineer's Role in Artificial Intelligence and Technology](#)
- Session: [Ethics of Sustainable Design](#)
- Session: [Shrinking the Distance for Virtual Teams to Succeed](#)

There are three registration options:

1. **Single Session** provides individual one PDH sessions for \$39 (\$99 for nonmembers);
2. **Day Track** provides access to three PDH sessions, networking morning "coffee talk" roundtables, and evening post session discussions for \$99 (\$279 for nonmembers); and
3. **All-Access Pass** provides 15 PDH sessions with networking morning "coffee talk" roundtables each day and event post session discussions for \$249 (\$1,149 for nonmembers).

Nonmembers can join NSPE for \$299 and receive member pricing.

Virtual PECon 2020 Free for Students

NSPE is providing the opportunity for student members to participate in the upcoming **Virtual Professional Engineers Conference 2020** for free on August 3–7.

Student members who register for the conference can sign up for a track or an all-access pass and can also attend networking events, including morning coffee talks and evening round table discussions.

[Register now.](#)

[Register now to customize your attendance package for live events August 3–7.](#)

Call for 2020–21 Volunteers

NSPE needs your knowledge, expertise, and time to assist our organization carry out its [vision, mission, and meet the goals of the strategic plan](#) . Volunteer positions begin in August and end at the annual conference in 2021.

These opportunities are organized into three types with various levels of engagement.

Engagement Level 1: Standing committees and select committees require the highest engagement level. They often involve attending at least one in-person meeting in conjunction with the annual meeting. Most meetings are held via conference call.

Engagement Level 2: These volunteer positions are responsible for organization activities and involve assignment to a committee, task force, or other group. Activities primarily include e-mail and conference calls.

Engagement Level 3: Ad hoc volunteers take part in activities on a project-by-project basis.

[Submit forms by July 15 to be considered for a 2020–21 term.](#)

Aiming for Leadership? This Program's for You

If you're starting your engineering career and looking toward a future of leadership, NSPE is excited to offer an opportunity to participate in the Emerging Leaders Program.

The NSPE Emerging Leaders Program is an intensive seven month, professionally facilitated, focused, practical, virtual program for emerging leaders. Between August 5 (Professional Engineers Day) and February 27 (National Engineers Week) participants will receive specific, relevant training and application on how to be successful at higher levels of leadership responsibility.

The target audience for the Emerging Leaders Program is for promising early-career professionals with 5-8 years of experience who are just beginning to lead and think strategically in the profession and their careers. The reality-based curriculum focuses on the core skills necessary to think strategically, build effective teams, deliver great service for their most valued clients, and lead successfully.

[Learn more and apply by July 1, 2020.](#)

Advocacy Opportunity: Speak Out for Future PEs

You have an opportunity today to advocate for the future of the engineering profession!

H.R. 5339 ([Freedom to Invest in Tomorrow's Workforce Act](#)) amends the Internal Revenue Code to allow students with 529 Education Accounts to use those funds for expenses related to obtaining a post-education credential—including the PE license. Funds could be used for expenses associated with both exam prep and the exam itself.

The bill needs additional cosponsors in order to move forward. As NSPE's Government Relations team continues talking with House offices, your support of H.R. 5339 is crucial. The more support we have from NSPE members, the stronger position we're in to ask House Representatives to sign on.

You have the opportunity to take multiple actions if you'd like, [starting with writing a letter](#) , then following up with either a Tweet or a phone call. Or all three, if you're feeling especially ambitious!

Feel free to contact Stephanie Hamilton if you have any questions, or if you'd just like to talk about advocacy! Hamilton can be reached at 703-684-2844 or shamilton@nspe.org .

[Take action on H.R. 5339.](#)

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