PE MATTERS STATE NEWS

NSPE-NV NEVADA SOCIETY OF PROFESSIONAL ENGINEERS

>>>> MARCH 2021

State News for NSPE Members

NSPE-NV Engineers Week Success

Everyone who participated in the **2021 Virtual Engineers Week—Imagining Tomorrow** activities made it a success! The Order of the Engineer ceremony and a Virtual Finale Banquet and Afterparty (complete with bingo and beer tasting fun) allowed members to safely celebrate the profession and recognize the significant contributions of their peers.

All of this wouldn't have been possible without the hard work of the 2021 Engineers Week Committee, the contributions of sponsors, and the collaboration of professional societies. Thank you! If you missed out on this year's activities, stay tuned for a recording of the Finale Banquet and other highlights on the NSPE-NV website.

Congratulations to the 2021 NSPE-NV Award Winners!

Engineer of the Year

Brian Kalina, P.E.

Young Engineer of the Year

Turhan Bae, P.E.

Ramona Lesley Distinguished Service Award

Mary Clyburn, P.E.

Charlie Vaughn Scholarship Recipients

Meral Abu-Jaser

Konrad Campbell

Project of the Year
Allegiant Stadium

Governor Sisolak Proposes Innovation Zones

On February 26, 2021, Nevada Governor Steve Sisolak was joined by Michael Brown, the executive director of the Governor's Office of Economic Development, and Jeremy Aguero, principal analyst at Applied Analysis to discuss the state's Innovation Zone proposal.

As previously reported in *Interesting Engineering*, Governor Sisolak first unveiled plans for Innovation Zones during his 2021 State of the State address on January 19, 2021.

At the press conference, Sisolak described the unprecedented economic impact COVID-19 has had on Nevada's tourism and gaming industries, and he described the Innovation Zones as a way to lure to the state companies that are at the forefront of "groundbreaking technologies", such as blockchain, autonomous technology, robotics, artificial intelligence, the internet of things, wireless technology and renewable energy.

Innovation Zones would allow companies who purchase a minimum of 50,000 acres of land to be granted the same powers as that granted county governments,

including the ability to impose and collect taxes, create court systems, build schools and other infrastructure and make land and water management decisions.

Sisolak pointed out that Innovation Zones don't require authorities to offer companies tax abatements or other financial incentives. Companies will be required to make an immediate investment of $250 million in infrastructure plus make $1 billion in investment over the course of ten years.

Read more.

Greenlink Nevada Aims to Transform Clean Energy Landscape

NV Energy's Greenlink Nevada transmission infrastructure initiative is poised to be among Nevada's first major infrastructure projects that will create immediate, good paying jobs for thousands of Nevadans and align with Governor Steve Sisolak's vision for the state's new sustainable energy economy.

NV Energy proposed Greenlink Nevada to transform the clean energy landscape by tapping into resource-rich renewable energy zones throughout western and northern Nevada, to increase electric reliability for all Nevadans and to drive the creation of jobs and economic recovery from the COVID-19 pandemic, according to an agency release. The project is currently pending regulatory approval in front of the Public Utilities Commission of Nevada and a decision is expected in March 2021.

"The COVID-19 pandemic has brought the job and economic benefits of essential clean energy infrastructure initiatives like Greenlink Nevada to the forefront, not only in Nevada, but nationally, as seen in President Joe Biden’s executive order on the climate crisis that calls for the deployment of clean energy and transmission projects," said Doug Cannon, NV Energy president and chief executive officer. "NV Energy is committed to working with Governor Sisolak to help propel our state’s economic recovery while also advancing the State's renewable and climate action goals."

NV Energy's investment of more than $2.5 billion in Greenlink Nevada is expected to generate $690 million in economic activity and support nearly 4,000 jobs, including the utilization of skilled union labor. The initiative will also allow for the development of renewable energy projects throughout Nevada that will contribute significant economic growth in the form of nearly 2,000 additional construction jobs and related tax revenue.

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.

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Reno, NV

Civil Project Engineer/Project Manager
Reno, NV

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Stay up to date on legislative issues through the ***NSPE Advocacy Center*** .

FAA safety engineer goes public to slam the agency's oversight of Boeing's 737 MAX

Haunted by the two deadly crashes of Boeing 737 MAX jets and his agency's role in approving the plane, veteran Federal Aviation Administration (FAA) safety engineer Joe Jacobsen is stepping forward publicly to give the victims' families "a firsthand account of what the truth is." In a detailed letter sent last month to a family that lost their daughter in the second MAX crash in Ethiopia two years ago this week, and in interviews with The Seattle Times, Jacobsen gave the first personal account by an insider of the federal safety agency's response to the MAX crashes. Jacobsen should have been among the FAA specialists who reviewed the MAX's critical new flight control software during its original certification, which was largely controlled by Boeing. He's confident that he and other FAA engineers would have flagged its serious design flaws.

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Daily Designs newsletter, delivered to your in box each morning, Monday through Friday.

Wanted: 2021 NSPE Emerging Leaders

NSPE is fostering a new generation of engineers who can think strategically, build effective teams, and lead successfully through its Emerging Leaders Program. This intensive seven-month, professionally facilitated, virtual program is now accepting applications until **May 31**.

Early-career professionals with 5-8 years of experience who are just beginning to lead and think strategically in the profession are encouraged to apply. The program graduated its first class of diverse, super achieving professionals in February.

Between August 2021 and February 2022 participants will learn how to be successful at higher levels of leadership responsibility. Participants will engage in 90-minute leadership training sessions each month with learning discussions and mentoring on topics such as ownership, team development, communication skills, giving/receiving feedback, and presentation skills. There will also be ample networking opportunities with peers and national NSPE national leaders.

Learn more and apply.

Ethics Webinars for PEs and Those on the Licensure Path

PE® INSTITUTE

EDUCATION FOR PROFESSIONAL ENGINEERS

Don’t miss NSPE’s upcoming ethics webinars on truthfulness and fidelity to

employers and clients, with insight from Rebecca Bowman, P.E., Esq., NSPE's senior director for ethics and professional practice and NAFE executive director, and other NSPE ethics experts.

April 7

Engineering Ethics–Canon III–Truthfulness

Learn from a variety of situations in which circumstances can tempt (and even encourage) engineers to dance around the edges of Canon III.

Presenters: Hugh Veit, P.E., Susan Sprague, P.E., F.NSPE, and Rebecca Bowman, P.E., Esq.

May 5

Engineering Ethics–Canon IV–Fidelity to Employers/Clients

Examine the duties to employers and clients, and circumstances under which those duties can be pre-empted by higher duties, especially to the public health, safety, and welfare.

Presenters: David Kish, Ph.D., P.E., Jeff Greenfield, Ph.D., P.E., F.NSPE, and Rebecca Bowman, P.E., Esq.

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