

State News for NSPE Members

Siemens Plans for Hydrogen Production, Storage at Utah Plant

The Intermountain Generating Station in Delta, Utah, may soon become the center of a plan to integrate hydrogen production and storage, [reports Power magazine](#). On March 1, Siemens announced that it would begin a conceptual design study as part of an initiative “to analyze the overall efficiency and reliability of CO2-free power supply involving large-scale production and storage of hydrogen.”

The project is an example of the rapidly developing hydrogen market. The plant’s two coal-fired units are being converted into an 840-MW combined cycle facility that will run initially on a mix of natural gas and hydrogen, and then ultimately operate on hydrogen alone. Black & Veatch Corp. is overseeing the conversion. The Intermountain plant provides electricity to customers in Utah and Southern California.

Work Begins on New Highway

Construction is underway on the \$750 million, 16-mile West Davis Corridor, [according to the Standard Examiner](#). Work on the four-lane divided highway begins after more than a decade of study and preparation. Farmington Bay Constructors—a joint venture of Ames Construction, Wadsworth Brothers Construction, and Staker Parson Materials and Construction—was selected to design and build the new highway. The contract requires completion of the road by fall 2024.

The [project](#) was spurred by population growth in the area. According to UDOT, by 2040, the number of homes in western Davis and Weber counties will increase by 65%. This growth is expected to increase travel delays in this area by 62%, even with all other planned projects.

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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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



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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