

State News for NSPE Members

Transition to Clean Energy to be Tracked in Arizona

An agenda has been set to track the progress of Arizona's electric utilities' voluntary transition to clean energy, [dailyenergyinsider.com](https://www.dailyenergyinsider.com) reports.

Lea Márquez Peterson, chairwoman of the Arizona Corporation Commission, has said she supports 100% clean energy by 2050. To do this, Peterson said she was developing the docket to track the progress of state utilities, including Arizona Public Service Company, Tucson Electric Power, and Salt River Project.

"With the creation of this new docket, Arizonans will have the ability to watch the progress of our utilities over time as we work to achieve our clean energy goals together," Peterson said.

The new docket, "Arizona Corporation Commission Docket for the Purpose of Tracking Arizona Investor-Owned Utilities' Progress Toward Achieving 100 Percent Clean Energy in Arizona," can be viewed by the public on ACC's [website](#).

Largest Foreign Project in State's History Underway

Plans for a \$12 billion semiconductor facility to be built in Phoenix have been released by Taiwan Semiconductor Manufacturing Co. The project represents the largest direct foreign investment in Arizona's history, according to [azcentral](#).

The plans show a glassy, circular building on 1,129 acres of land. On the massive site, 38 cranes are nearly finished with the structural construction of the facility.

The company expects to have more than 2,000 employees working at the plant by 2023, with the facility expected to be operational the following year. The project from TSMC has drawn other semiconductor companies and suppliers to the region, as well. [Read more](#).

Monitoring the Impact of Arizona's Drought

Lower rainfall and higher temperatures have created ideal conditions to exacerbate Arizona's longstanding drought. Entering 2022, more than half of the state remains in severe drought status and an additional 10% is enduring extreme drought, according to an [ASU News report](#).

These conditions — including the drop in levels at crucial water sources such as Lake Mead and the Colorado River — drive the research of doctoral student Zhaocheng Wang, who is studying hydrosystems engineering in the School of Sustainable Engineering and the Built Environment, one of the seven Ira A. Fulton Schools of Engineering at Arizona State University.

Wang's dissertation research focuses on combining modeling tools and earth observation products to better understand hydrological processes in the Southwestern United States. He has dedicated part of his dissertation research to determine the impacts the Colorado River drought will have on the people who live and work in Arizona. [Read more](#).

State Licensing Board Meeting

The [Arizona State Board of Technical Registration](#) will hold its next meeting on **Tuesday, June 28**, starting at 9:00 a.m. The meeting agenda and other related information can be accessed [here](#).

Due to construction, the board meeting will take place at 1740 W Adams St Phoenix, AZ 8500. Individuals can also attend the meeting virtually through [Google Meet](#) or dial: (US) +1 650-457-1480 PIN: 302 879 494# Access more phone numbers [here](#).



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

[Principal Mechanical Engineer](#)

Tempe, AZ

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](#).

NSPECon 2022 Open for Registration

Engineers from all disciplines are invited to register for the [2022 Professional Engineers Conference](#) (NSPECon 2022) in Philadelphia, August 1-3. Early-bird registration is available until June 30.

Invited speakers will address sustainability, emerging technology, the post-covid workplace and even, construction on the moon. Licensed professional engineers and those aspiring to be one are invited to join this multi-discipline community to engage with colleagues and hear more about relevant engineering topics.



Sponsorship and Exhibitor Opportunities

Prospective conference sponsors and exhibitors will see [newly created opportunities](#) to highlight their companies and organizations throughout the conference. Sponsors can welcome attendees to the “Feel the Philly Love” opening reception, support a conference education track featuring seven unique sessions, or demonstrate how their solutions help clients overcome specific challenges by exhibiting.

PE Day

On the final day of the conference, attendees can celebrate [PE Day](#) in person and raise awareness about the importance of PEs as qualified and ethical professionals. Before attending, everyone is invited to gear up with [PE Day logo wear](#) to show PE Pride at the conference.

Call for 2022-2023 Volunteers

Volunteers are the [heart of NSPE](#) and essential to helping the Society carry out its [vision and mission and meet the goals of the strategic plan](#) . Volunteer positions begin in mid-August and end at the 2023 Professional Engineers Conference.

There are three types of volunteer opportunities:

- **Level 1 (Highest Engagement)–Standing Boards and Committees**
Often includes attending at least one in-person meeting. Most meetings held via video conference. Terms may be up to three years.
- **Level 2 (Intermediate Engagement)–Ad Hoc Committees and Task Forces**
Activities primarily include online correspondence and video conference meetings.
- **Level 3 (Lowest Engagement)–Ad Hoc Volunteer**
Volunteer on a project-by-project basis.

[Submit an application by July 15 to be considered for a 2022-2023 term.](#)

House of Delegates Virtual General Assembly and Annual Meeting

The House of Delegates Virtual General Assembly will be live streamed on [NSPE's YouTube channel](#) for members on **June 30** (2:00 p.m. – 4:00 p.m. EST). Following the live stream of the General Assembly, NSPE members will have an opportunity to ask questions and talk with President-Elect Britt Smith, P.E., F.NSPE, and CEO Monika Schulz through a Reddit style AMA (Ask Me Anything) format in the [Annual Meeting online community](#) . All members are welcome.

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