

SAVE the DATE

Enabling Data Center Demand Growth
through Nuclear Energy

Oct. 27–30, 2025

CONCEPT AGENDA

Join us for an invitation-only workshop to discuss how nuclear energy can be available to meet the power demand for data centers. We'll explore data center power needs, technology options, nuclear siting, economics, and strategies for community engagement in this rapidly evolving landscape.

October 27, 2025: Idaho National Lab (INL) Bus Tour

7:00 a.m. to 5:00 p.m.

The tour will include travel to the INL “site” 50 miles from Idaho Falls. You will visit the Advanced Test Reactor, Experimental Breeder Reactor I Museum, the Materials and Fuels Complex (micro-reactor testing facilities), Data Center Siting, and Grid-Enhancing Technologies.

October 28, 2025: Downtown Events Center (DEC) – Nuclear Power Focus

8:00 a.m. to 5:00 p.m.

- Overview of Idaho National Lab (INL) Mission Organizations
- Request for Application (RFA) Status (Data Center Siting at INL)
- Overview of 2024 Data Center Workshop and the Resulting 2025 Playbook (Draft)
- Nuclear Regulatory Commission (NRC) Licensing Update / Changes in 2025
- Microreactor and Power Grid Demonstration Strategy
- Flexible Interconnection Planning for On-Site Generation
- Power System Modeling and Studies for Nuclear-Powered Data Centers

October 29, 2025: Downtown Events Center (DEC) – Data Center Focus

8:00 a.m. to 5:00 p.m.

- Industry / State / Community Engagement
- Social / Economic / Workforce
- Utility Perspectives: Keeping Pace with Accelerated Deployments
- Light Water Reactor Sustainability / Integrated Energy Systems Integration and Demonstration
- Feedback Session / Data Gathering: impacts, research, models, analysis, technology gaps, etc.

October 30, 2025: INL Campus – Optional 1:1 Meetings with INL SMEs

8:00 a.m. to 5:00 p.m.

Schedule time with INL Subject Matter Experts for private discussions related to your specific areas of interest.