

Atomic week presented by Generation Atomic

November 21, 2019

Generation Atomic community outreach was out in full force during Atomic Week in Idaho Falls, ID. With the help of a partnership with **GAIN - Gateway for Accelerated Innovation in Nuclear, The Nuclear Alternative Project**, and Idaho National Lab, we put on a week full of unforgettable events, including the Nuclear Ambassador Training, Climate Board Games and Beer, Save the Ales, and Climate Clash at the Youth Jam art festival. These events could be replicated anywhere you'd like to bring a new community of people together in support of nuclear energy!



Generation Atomic Facebook Video

Nuclear Energy: Safety, Research & Development, and Future Sustainability

October 1, 2019

Nuclear Energy forum hosted on October 1, 2019 by the State of Illinois Commerce Commission (ICC)



[Summary and Presentations](#)

GAIN announces fourth-round FY-2019 Nuclear Energy Voucher recipients

September 19, 2019

The Gateway for Accelerated Innovation in Nuclear (GAIN) announced today that two nuclear companies will be provided GAIN Nuclear Energy (NE) Vouchers to accelerate the innovation and application of advanced nuclear technologies. NE vouchers provide advanced nuclear technology innovators with access to the extensive nuclear research capabilities and expertise available across the U.S. Department of Energy (DOE) national laboratory complex. This is the fourth set of awards in FY 2019.

The GAIN NE Voucher Program accepts applications on innovation that supports production and utilization of nuclear energy (e.g., for generation of electricity, supply of process heat, etc.) in the following general topic areas:

- Analysis and evaluation of, and for, advanced reactor concepts and associated designs, including development of licensing information or strategies
- Structural material and component development, testing and qualification
- Advanced nuclear fuel development, fabrication and testing (includes fuel materials and cladding)
- Development, testing, and qualification of instrumentation, controls, and sensor technologies that are hardened for harsh environments and secured against cyber intrusion
- Modeling and simulation, high-performance computing, codes and methods
- Technical assistance from subject matter experts and/or data/information to support technology development and/or confirm key technical or licensing issues

The businesses selected to receive GAIN nuclear energy vouchers for Round 4 FY 2019 are:

GAIN 2019 4th Round NE Voucher Recipient	Awarded Proposal	Partner Facility
Analysis and Measurement Services Corporation (AMS) Knoxville, TN	Testing of Instrumentation and Control Sensors and Cables for Small Modular Reactors	Oak Ridge National Laboratory
HolosGen, LLC Manassas Park, VA	Advanced Coolant and Moderator Enclosure Solutions for Micro Gas Cooled Reactors with Enhanced Efficiency and Safety	Argonne National Laboratory

GAIN NE voucher recipients do not receive direct financial awards. The GAIN nuclear energy vouchers provide access to national laboratory capabilities at no cost to the voucher recipients. All awardees are responsible for a minimum 20 percent cost share, which could be an in-kind contribution. Further information on the GAIN nuclear energy voucher program as well as current and all past awards may be found [here](#).

The U.S. Department of Energy Office of Nuclear Energy (DOE-NE) established GAIN to provide the nuclear community with the technical, regulatory and financial support necessary to move innovative nuclear energy technologies toward commercialization while ensuring the continued safe, reliable and economic operation of the existing nuclear fleet. Through GAIN, DOE is making its state-of-the-art and continuously improving RD&D infrastructure available to stakeholders to achieve faster and cost-effective development of innovative nuclear energy technologies toward commercial readiness.

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DOE Launches New Demonstration Center for Advanced Nuclear Technologies

August 15, 2019

WASHINGTON, D.C. — The U.S. Department of Energy (DOE) announced today the launch of the National Reactor Innovation Center (NRIC). The new initiative will assist with the development of advanced nuclear energy technologies by harnessing the world-class capabilities of the DOE national laboratory system.

Authorized by the [Nuclear Energy Innovation Capabilities Act](#), NRIC will provide private sector technology developers the necessary support to test and demonstrate their reactor concepts and assess their performance. This will help accelerate the licensing and commercialization of these new nuclear energy systems.

"NRIC will enable the demonstration and deployment of advanced reactors that will define the future of nuclear energy," said U.S. Energy Secretary Rick Perry. "By bringing industry together with our national labs and university partners, we can enhance our energy independence and position the U.S. as a global leader in advanced nuclear innovation."

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 [NRIC Factsheet](#)

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