

GAIN NE Vouchers Announced

U.S. Advanced Nuclear Technology Projects to Receive \$18 million from the U.S. Department of Energy

November 13, 2018

WASHINGTON, D.C. – The U.S. Department of Energy (DOE) today announced funding selections for eleven domestic advanced nuclear technology projects. These projects, located across six states, will receive varying amounts for a total of approximately \$18 million in funding, with project values totaling approximately \$25 million. The projects are cost-shared and will allow industry-led teams, including participants from federal agencies, public and private laboratories, institutions of higher education, and other domestic entities, to advance the state of U.S. commercial nuclear capability.

DOE has selected five companies to receive technology development vouchers under the GAIN program. The companies selected are Westinghouse Electric Company (Cranberry Township, PA) in the amount of \$420,000; Elysium Industries (Clifton Park, NY) in the amount of \$500,000; NexDefense (Atlanta, GA) in the amount of \$400,000; Exelon Generation (Kennett Square, PA) in the amount of \$480,000; and Eastman Chemical Company (Kingsport, TN) in the amount of \$350,000. Further detail and description of these awards can be found under the [GAIN website](#).

GAIN 2018 3 rd Round NE Voucher Recipient	Awarded Proposal	Partner Facility
Eastman Kingsport, TN	Integrated Nuclear Hybrid Energy System	Idaho National Laboratory Oak Ridge National Laboratory
Elysium Industries USA Boston, MA	Assessing Fuel Cycle Options for Elysium Molten Chloride Salt Fast Reactor from Spent Nuclear Fuel, Plutonium, and Depleted Uranium	Argonne National Laboratory
Exelon Corporation Kennet Square, PA	Plasma Separation Process Feasibility Study for the Commercial Enrichment of Gadolinium-157	Oak Ridge National Laboratory
NexDefense, Inc. Atlanta, GA	NexDefense - Nuclear Cybersecurity Initiative	Oak Ridge National Laboratory
Westinghouse Electric Co. Cranberry Township, PA	Development and Testing of Alumina-forming Austenitic Stainless Steels for Lead Fast Reactor Application	Oak Ridge National Laboratory

More information on the Office of Nuclear Energy and its programs can be found [here](#).

 [Voucher Recipients & Abstracts](#)

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Technology Commercialization Fund

September 27, 2018

A \$20+ million funding opportunity that leverages the R&D funding in the applied energy programs to mature promising energy technologies with the potential for high impact for commercialization with a private industry partner. These funds are matched with funds from private partners to promote promising energy technologies for commercial purposes.

The goal of the TCF is two-fold. First, it is designed to increase the number of energy technologies developed at DOE's national labs that graduate to commercial development and achieve commercial impact (Topic 1 Proposals). Second, the TCF will enhance the Department's technology transitions system with a forward-looking and competitive approach to lab-industry partnerships (Topic 2 Proposals). Industry can participate in either Topic 1 or Topic 2 proposals:



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