

# FY 2019 Technology Commercialization Fund Funding Opportunity Announcement and Announcement of Awards

## Department of Energy Announces 2019 Technology Commercialization Fund Projects

June 25, 2019

### Public-Private Collaboration Stimulates Innovation to Bolster U.S. Competitiveness, Security

WASHINGTON, D.C. – Today, the U.S. Department of Energy (DOE) announced over \$24 million in funding for 77 projects supported by the Office of Technology Transitions (OTT) Technology Commercialization Fund (TCF). With matching funds from the private sector, these projects will advance the commercialization of promising energy technologies and strengthen partnerships between DOE's National Laboratories and private sector companies to deploy these technologies to the marketplace.

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October 15, 2018

The Fiscal Year 2019 Technology Commercialization Fund (TCF) funding opportunity announcement has been released. TCF leverages research and development funding in the applied energy programs to mature promising energy technologies with high-impact potential. TCF works to expand the commercial impact of the U.S. Department of Energy's portfolio of research, development, demonstration and deployment activities.

All TCF projects require a minimum 1:1 cost share of nonfederal funds to match the federal investment. Industry partner(s) may provide funds-in or in-kind contributions to meet the cost share requirement.

DOE's Office of Technology Transfer anticipates that available funding will break down across the participating program offices as follows:

<b>Participating DOE Program Office</b>	<b>Estimated FY-19 Funding Range</b>
Energy Efficiency and Renewable Energy (EERE)	\$14.5M to \$15.5M
Nuclear energy (NE)	\$6M to \$6.7M
Fossil Energy (FE)	\$4.2M to \$4.5M
Electricity Delivery and Energy Reliability (OE)	\$0.7M to \$0.8M
Cybersecurity, Energy Security, and Emergency Response (CESER)	\$0.7M to \$0.8M
Total TCF	26.1M to \$28.3M



[Technology Commercialization Fund Solicitation](#)

*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:

**Topic 1- Technology Maturation:** Eligible projects for Topic 1 must involve currently existing laboratory technology or intellectual property that has reached a TRL of 3, and demonstrates evidence of commercial potential. TRL 3 is evidenced by a technology having demonstrated analytical and experimental proof of concept in a laboratory environment. For example, have experiments or modeling and simulation validated performance prediction of technology capability? Have design techniques been identified or developed? Have scaling studies been initiated? The target funding for Topic 1 is \$100K-\$150K. The target period of performance for a Topic 1 award is 6-12 months. Gain members can participate in Topic 1 proposals at any level of matching funding or in-kind contributions

**Topic 2- Cooperative Development:** Eligible projects for Topic 2 must involve currently existing laboratory technology or intellectual property, and the laboratory must have a non-Federal partner [GAIN member] with a commercial application defined for the technology. The partner(s) must be identified in the application for funding. A formal partnership agreement does not have to be in place to be eligible for award, however. If funds are allocated before a CRADA is in place, work may not begin until it is executed. If no agreement between the laboratory and partner is executed within 6 months of the award, the Department may cancel the award. A project or work scope being executed under an existing CRADA or other partnership agreement is not eligible for an award under the TCF. The target funding for Topic 2 is \$250K-\$750K. GAIN Members must provide an equal funding and / or in-kind contribution. The target period of performance for Topic 2 is 12-24 months.