

Notice of Intent No. DE-FOA-0002328

Notice of Intent to Issue Federal Agency Call (FAC) No. DE-FOA-0002329

The Office of Energy Efficiency and Renewable Energy (EERE) intends to issue, on behalf of the Federal Energy Management Program (FEMP), a Federal Agency Call (FAC) entitled “Assisting Federal Facilities with Energy Conservation Technologies (AFFECT) 2020”.

The AFFECT 2020 FAC will provide direct funding to Federal agencies for the development of projects using energy performance contracts. Submitted projects must address one or more of the Areas of Interest identified below, and utilize and present a plan for (a) replication across the agencies’ enterprises and/or (b) case study development for replication across applicable U.S. Government sites.

Using the authority provided in 42 U.S.C. §8256(b), funding under the AFFECT 2020 FAC will help federal agencies advance the energy efficiency, resilience, and security of their operations. The FAC will competitively select agency projects that leverage performance contracting to enhance federal agency goals at critical sites, as well as address the issue of aging infrastructure and deferred maintenance and repairs.

More particularly, the FAC will provide grants to Federal agencies for selected projects that satisfy the following featured requirements, address one or more of DOE’s Resilient/Efficient/Secure Areas of Interest, and meet other requirements of the FAC.

Featured Requirements:

- Leverage AFFECT grant funds by at least 10:1 by using performance contracting (ESPC, ENABLE, or UESC).
- Demonstrate the use of a performance contracting vehicle through the submission of a draft, not previously released, project Notice of Opportunity (NOO) for ESPC or ENABLE projects; or, for UESC projects, a Letter of Interest or Sources Sought RFP.
- Demonstrate potential project replicability across the agency enterprise or other government sites, as demonstrated in a Replicability Plan or Government Use Case.
- Explain how AFFECT funds will be used in carrying out the project and its potential replication; anticipated project impact; and how the funds will help advance the project’s success.

This is a Notice of Intent (NOI) only. EERE may issue a FAC as described herein, may issue a FAC that is significantly different than the FAC described herein, or EERE may not issue a FAC at all.

Resilient/Efficient/Secure Areas of Interest (these Areas of Interest are not mutually exclusive and may overlap):

- Projects addressing the Resilient Area of Interest could include, but are not limited to:
 - Battery energy storage systems
 - Thermal storage
 - Combined Heat and Power (CHP)
 - Energy Sales Agreements (ESAs, e.g., in combination with renewable generation), which involve the use of an ESPC contract to implement electricity generation for the government under private ownership of the generation source, which may permit the contractor to take advantage of available tax credits and accelerated depreciation
 - Microgrid
 - Energy-water security
- Projects addressing the Efficient Area of Interest could include, but are not limited to:
 - Infrastructure/deferred maintenance/operations and maintenance (O&M) Savings
 - 50001 Ready (DOE voluntary program leveraging international best practice energy management system)
 - Data center energy efficiency
- Projects addressing the Secure Area of Interest could include, but are not limited to:
 - Cybersecurity Control Measures for Energy Conservation Measures (ECMs) that may present cybersecurity concerns (e.g., building automation systems and controls). The Cybersecurity Control Measures may take the form of actions, procedures, software, and/or hardware that lower risk and introduce defense to protect cyber environment associated with the installation of certain ECMs in the energy performance project
 - Measures to ensure the security of energy supply

EERE envisions awarding multiple financial assistance awards in the form of Grants. Total funding for this FAC is anticipated to be \$11 million, and agencies may request individual awards from \$200,000 to \$1,000,000. DOE anticipates that the average award amount will be approximately \$500,000. Agencies requesting over \$500,000 and up to \$1,000,000 are advised that DOE reserves the right to award only \$500,000, and those agencies should indicate, in their application, what changes they would make in the proposed project if they received \$500,000 rather than proposed amount above that level.

This Notice is issued so that interested parties are aware of EERE's intention to issue this FAC in the near term. All of the information contained in this Notice is subject to change. EERE will not

This is a Notice of Intent (NOI) only. EERE may issue a FAC as described herein, may issue a FAC that is significantly different than the FAC described herein, or EERE may not issue a FAC at all.

respond to questions concerning this Notice. Once the FAC has been released, EERE will provide an avenue for potential Applicants to submit questions.

EERE plans to issue the FAC in the third quarter of fiscal year 2020 via the EERE Exchange website <https://eere-exchange.energy.gov/>. If Applicants wish to receive official notifications and information from EERE regarding this FAC, they should register in EERE Exchange. If and when an FAC is released, applications will be accepted only through EERE Exchange.

In anticipation of the FAC being released, Applicants are advised to complete the following steps, which are **required** for application submission:

- Register and create an account in EERE Exchange at <https://eere-exchange.energy.gov/>. This account will allow the user to register for any open EERE FACs/FOAs that are currently in EERE Exchange. It is recommended that each organization or business unit, whether acting as a team or a single entity, use only one account as the contact point for each submission.

Questions related to the registration process and use of the EERE Exchange website should be submitted to: EERE-ExchangeSupport@hq.doe.gov

- Obtain a Dun and Bradstreet Data Universal Numbering System (DUNS) number (including the plus 4 extension, if applicable) at <http://fedgov.dnb.com/webform>
- Register in Grants.gov to receive automatic updates when Amendments to a FAC are posted. However, please note that applications will not be accepted through Grants.gov. <http://www.grants.gov/>. All applications must be submitted through EERE Exchange.

This is a Notice of Intent (NOI) only. EERE may issue a FAC as described herein, may issue a FAC that is significantly different than the FAC described herein, or EERE may not issue a FAC at all.
