Topic Information for Teaming Partners List Associated with Funding Opportunity DE-FOA-0003331

Submittal Instructions

Any organization that would like to be included in the Teaming Partners List associated with the Funding Opportunity DE-FOA-0003331 should submit the following information via the EERE Exchange website to the Teaming Partners List TPL-0000053:

1. **Topic Field**

Please cut-and-paste ONE of the following topics into the TOPIC field – if you want to be included in teaming lists for multiple topics, please submit separately for each topic.

Topic Area 1: Robust Experimentation and Advanced Learning for Distribution Systems Operators
Topic Area 2: Improved Simulation Tools for Large-Scale IBR Transient and Dynamic Studies

2. **Background, Interests, Capabilities Field**

This Teaming Partner List is being made available to facilitate the widest possible national participation in the formation of applicant teams for this potential FOA. The List allows organizations who may wish to participate on an application to express their interest to other applicants and explore potential partnerships, including representation from Minority Serving Institutions (e.g., Historically Black Colleges and Universities (HBCUs)/Other Minority Serving Institutions); partnerships with Minority Business Enterprises, Minority Owned Businesses, Woman Owned Businesses, Veteran Owned Businesses, and tribal nations); and workforce education, training, and development or labor organizations.

SETO also requires cost share, so this teaming list may provide an opportunity to identify commercial cost-share partners.

Please include information about your organization type/characteristics in the "Background, Interest, Capabilities" field in Exchange to help other participants identify your capabilities.

Disclaimer: *By submitting a request to be included on the Teaming Partner List, the requesting organization consents to the publication of the above-referenced information. By enabling and publishing the Teaming Partner List, EERE is not endorsing, sponsoring, or otherwise evaluating the qualifications of the individuals and organizations that are self-identifying themselves for placement on this Teaming Partner List. EERE will not pay for the provision of any information, nor will it compensate any applicants or requesting organizations for the development of such information.*

Topic Area Descriptions

The Solar Technologies' Rapid Integration and Validation for Energy Systems (STRIVES) FOA will fund RD&D projects to improve power systems simulation software tools and demonstrate new business models for distribution systems operations to integrate and optimize the value of inverter-based resources (IBRs) and distributed energy resources (DERs) including solar, wind, energy storage, and other technologies such as buildings and electric vehicles (EVs).

This funding opportunity announcement (FOA) is part of a collaborative effort by the DOE Office of Energy Efficiency and Renewable Energy (EERE) to issue multiple FOAs totaling more than $100 million for field demonstration projects and other research to support better planning and operations of the electric grid.

Projects funded under this FOA will address near-term and long-term challenges in operating electric power grids with large deployments of solar energy systems and other DERs. This FOA has two topic areas:

Topic Area 1: Robust Experimentation and Advanced Learning for Distribution Systems Operators

Projects in this topic area will design and perform field demonstrations of distribution systems operator models that consider technology development and the roles of non-traditional stakeholders in potential distribution electricity services and markets.

Topic Area 2: Improved Simulation Tools for Large-Scale IBR Transient and Dynamic Studies

Projects in this topic area will develop and demonstrate software tools and methodologies to improve the ability of power systems engineers to accurately and efficiently model the dynamics of power systems with large amounts of geographically dispersed IBRs.