

(2) The data collection and reporting methods the applicant would use and why those methods are likely to yield reliable, valid, and meaningful performance data.

(3) The applicant's capacity to collect and report reliable, valid, and meaningful performance data, as evidenced by high-quality data collection, analysis, and reporting in other projects or research.

**Note:** If the applicant does not have experience with collection and reporting of performance data through other projects or research, the applicant should provide other evidence of capacity to successfully carry out data collection and reporting for its proposed project.

(d) Performance Reports. All grantees must submit an annual performance report and final performance report with information that is responsive to these performance measures. The Department will consider these data in making annual continuation awards.

(1) The performance reports for all NAM 2018 grantees must include the following project performance data (34 CFR 75.253, 75.590, 75.591, and 75.720):

- The number of students who are eligible to participate in the program;
- The number of participants in the program; and
- The number of participants who met the performance target.

(2) The performance reports for the NAM 2018 grantees that addressed the promoting literacy priority must also include:

- The number of family literacy activities including the number of or access to books or other physical or digital materials or content that they provided.

(e) *Department Evaluations.*

Consistent with 34 CFR 75.591, grantees funded under this program must comply with the requirements of any evaluation of the program conducted by the Department or an evaluator selected by the Department.

6. *Continuation Awards:* In making a continuation award under 34 CFR 75.253, the Secretary considers, among other things: Whether a grantee has made substantial progress in achieving the goals and objectives of the project; whether the grantee has expended funds in a manner that is consistent with its approved application and budget; and, if the Secretary has established performance measurement requirements, the performance targets in the grantee's approved application.

In making a continuation award, the Secretary also considers whether the grantee is operating in compliance with the assurances in its approved

application, including those applicable to Federal civil rights laws that prohibit discrimination in programs or activities receiving Federal financial assistance from the Department (34 CFR 100.4, 104.5, 106.4, 108.8, and 110.23).

## VII. Other Information

**Accessible Format:** Individuals with disabilities can obtain this document and a copy of the application package in an accessible format (e.g., braille, large print, audiotope, or compact disc) on request to the program contact person listed under **FOR FURTHER INFORMATION CONTACT**.

**Electronic Access to This Document:** The official version of this document is the document published in the **Federal Register**. Free internet access to the official edition of the **Federal Register** and the Code of Federal Regulations is available via the Federal Digital System at: [www.gpo.gov/fdsys](http://www.gpo.gov/fdsys). At this site you can view this document, as well as all other documents of this Department published in the **Federal Register**, in text or PDF. To use PDF you must have Adobe Acrobat Reader, which is available free at the site.

You may also access documents of the Department published in the **Federal Register** by using the article search feature at: [www.federalregister.gov](http://www.federalregister.gov). Specifically, through the advanced search feature at this site, you can limit your search to documents published by the Department.

Dated: March 20, 2018.

Jose Viana,

Assistant Deputy Secretary and Director,  
Office of English Language Acquisition.

[FR Doc. 2018-05961 Filed 3-22-18; 8:45 am]

BILLING CODE 4000-01-P

## DEPARTMENT OF ENERGY

### Solid State Power Substation Roadmap

**AGENCY:** Office of Electricity Delivery and Energy Reliability, Department of Energy.

**ACTION:** Request for information (RFI).

**SUMMARY:** The Department of Energy (DOE), Office of Electricity Delivery and Energy Reliability (OE), is seeking comments and information from interested parties to inform its development of a Solid State Power Substation (SSPS) Roadmap. An SSPS is defined as the strategic integration of high voltage power electronic converters in substations to provide enhanced capabilities and support the evolution of the grid. SSPS technology can overcome some of the current limitations within

substations by enabling control of real and reactive power flows, management of voltage transients and harmonic content, and the ability to increase the flexibility, resiliency, and security of the electric power system.

**DATES:** Comments must be received on or before May 7, 2018. An informational webinar will be held on Thursday, March 29th, 2018 from 1:00 p.m. to 2:00 p.m. ET to discuss the draft SSPS Roadmap in more detail and provide information on this RFI.

**ADDRESSES:** Comments can be submitted by any of the following methods.

**Email:** [DOE.SSPS.Roadmap@hq.doe.gov](mailto:DOE.SSPS.Roadmap@hq.doe.gov), whereas the subject line of the message is "SSPS Roadmap Comment." Please provide your full name, title, and organization, along with your comments in the Excel spreadsheet provided and name the file "Your first and last name—SSPS Roadmap Comment."

**Mail:** Kerry Cheung, Office of Electricity Delivery and Energy Reliability, U.S. Department of Energy, Forrestal Building, Room 6E-092, 1000 Independence Avenue SW, Washington, DC 20585. **Note:** Delivery of the U.S. Postal Service mail to DOE may be delayed by several weeks due to security screening. DOE, therefore, encourages those wishing to comment to submit comments electronically by email.

**Web page:** The draft SSPS Roadmap, Excel spreadsheet for comments, and information on the upcoming webinar can be found on the following web page: <https://energy.gov/oe/articles/solid-state-power-substation-roadmap-request-information>

### FOR FURTHER INFORMATION CONTACT:

Requests for additional information should be directed to Kerry Cheung, Office of Electricity Delivery and Energy Reliability, U.S. Department of Energy, 1000 Independence Avenue SW, Washington, DC 20585 at [kerry.cheung@hq.doe.gov](mailto:kerry.cheung@hq.doe.gov), 202-586-4819.

### SUPPLEMENTARY INFORMATION:

#### I. Background

Substations are critical points within the vast U.S. power grid, serving a number of functions important to the safe, reliable, and cost-effective delivery of electricity. Substations serve as the entry point to the grid for electric power generators as well as the exit point for large industrial customers. Substations also form the boundaries between the high voltage transmission network and the distribution system, enabling the network to reconfigure to ensure stability and reliability, and to regulate power quality for down-stream

electricity customers. As the electric power system continues to evolve, with stakeholders integrating higher amounts of variable renewable generation, deploying electric vehicles and associated charging infrastructure, and connecting more dynamic end-use devices and subsystems, substations will need to evolve as well. These critical nodes will need to continue providing their traditional functions as well as new functions and capabilities required in a future grid.

The SSPS Roadmap will present a path for the strategic integration of high voltage power electronic converters in substations to provide enhanced capabilities and support the evolution of the grid. Ultimately envisioned as a modular, scalable, flexible, and adaptable power block that can be used within all substations, SSPS converters will serve as power routers or hubs that have the capability to electrically isolate system components and provide bidirectional alternating current or direct current power flow control from one or more sources to one or more loads—indifferent to magnitude and frequency. Deployment of SSPS technology within substations can facilitate evolution of the grid by enabling better asset utilization, increasing system efficiency, enhancing security and resilience, and easing the integration of distributed energy resources and microgrids.

## II. Request for Information

The draft SSPS Roadmap was developed by the OE Transformer Resilience and Advanced Components program with support from the Savannah River National Laboratory. The roadmap is structured to provide the context, rationale, and potential benefits of utilizing SSPS technology, and articulates a research and development pathway to accelerate maturation of SSPS. It aims to capture the state-of-the-art in critical enabling technologies, highlight research gaps and opportunities, and align disparate activities across the stakeholder communities to realize the SSPS vision.

This RFI provides the public, industry, and interested stakeholders, the opportunity to play an important role in defining and refining the SSPS vision and the potential technology development pathway. The intent of this RFI is to solicit input concerning the benefits offered by SSPS technology, the application areas where SSPS technology can provide a value proposition, the current state-of-the-art, and the gaps that are most critical to fill. The information obtained will be public and is meant to be used by DOE to guide

and inform research and development activities. Please provide your comments next to the relevant questions in the Excel spreadsheet and supporting information if noted, including studies, reports, references, data, and examples relevant to SSPS.

### SSPS Roadmap Questions

#### Chapter 1–2: Introduction and Conventional Substations

What issues and concerns not captured in the roadmap most deeply impact the ability of substations to meet the demands of an evolving grid? What are additional challenges faced by utilities that would necessitate power electronic converters in substations?

Are there any other issues or comments regarding these Chapters?

#### Chapter 3–4: Solid State Power Substations and SSPS Technology Development Pathway

Is there evidence of a growing need for power electronic converters in substations? If so, in what capacity? What specific challenges would the use of power electronic converters address?

Comments are requested on the SSPS vision and the three classification of SSPS converters articulated in the roadmap, as well as on the defining feature and functions and the voltage and power ratings.

Comments are requested on the SSPS technology development pathway presented in the roadmap. For each classification of SSPS converters, are there other potential applications that have not been captured?

What are additional benefits of using SSPS converters that should be captured?

Are there any other issues or comments regarding these Chapters?

#### Chapter 5: SSPS Technology Challenges, Gaps, and Goals

Comments are requested on the R&D challenges identified in the roadmap and their associated goals. Are they sufficiently aggressive and appropriate to realize the defining feature and functions for each classification of SSPS converter? What R&D challenges not yet identified would prevent SSPS technologies from being realized, as envisioned? For these additional R&D challenges, what would be the associated goals for each classification of SSPS converter?

Comments are requested on the state-of-the-art and the research gaps identified in the roadmap for each of the R&D challenges. What on-going work, that can be publicly shared, should be reflected in the state-of-the-art? What

additional gaps needs to be highlighted to address the R&D challenges identified? What specific actions will need to be taken in the near-, mid-, and long-term to sufficiently address the gaps identified?

What additional non-technical challenges are there that would prevent SSPS converters from being accepted by industry? What additional standards would be relevant to SSPS technology, as envisioned? What are potential market or regulatory barriers that will need to be addressed?

Are there any other issues or comments regarding this Chapter?

### General Comments

Comments are requested on the technology topic described in the roadmap. What is the appropriate Federal role in advancing this technology area? What are some organizational roles in helping to advance this technology concept? What amount of resources would be required to fully implement the roadmap?

Issued in Washington, DC, on March 16, 2018.

**Bruce Walker,**

*Assistant Secretary, U.S. Department of Energy, Office of Electricity Delivery and Energy Reliability.*

[FR Doc. 2018–05940 Filed 3–22–18; 8:45 am]

**BILLING CODE 6450–01–P**

## DEPARTMENT OF ENERGY

[Case No. 2017–011]

### Notice of Petition for Waiver of Big Ass Solutions (BAS) From the Department of Energy Ceiling Fan Test Procedure, and Grating of Interim Waiver

**AGENCY:** Office of Energy Efficiency and Renewable Energy, Department of Energy.

**ACTION:** Notice of petition for waiver, notice of grant of an interim waiver, and request for comments.

**SUMMARY:** This notice announces receipt of and publishes a petition for waiver from Big Ass Solutions (BAS) seeking an exemption from specified portions of the U.S. Department of Energy (DOE) test procedure for determining the efficiency of ceiling fans under appendix U (appendix U). BAS seeks to use an alternate test procedure to address issues involved in testing certain basic models identified in its petition. According to BAS, testing at low speed for the low-speed small-diameter ceiling fan basic models identified in the petition, may cause BAS undue hardship in meeting the stability requirements contained in