

- c. Holographic correspondence and black hole physics
- d. Dark matter, dark energy, and physics beyond the Standard Model
- e. Analog simulation and emulation of quantum systems of interest to particle physics

(2) Devices, Tools, Approaches, and Techniques

What developments are needed, are on the horizon, or can be envisioned in the following areas? How will they contribute to high energy physics? How can high energy physics expertise, resources, or capabilities in these or other areas contribute to broader advances in quantum information science?

- a. Quantum sensors exploiting superposition, entanglement, and/or squeezing
- b. Supporting technologies (superconducting radio frequency cavities, cryogenics, fast feedback and control systems, etc.)
- c. Data analysis and background reduction
- d. Machine learning and optimization
- e. Algorithm development
- f. Error correction and measurement

(3) Organizational and Assessment Considerations

- a. What metrics could be applied to evaluate progress of the field and assess impacts of Federal investments?
- b. What are key obstacles, impediments, or bottlenecks to advancing research at the intersection of QIS and HEP?
- c. What mix of institutions (industrial, academic, lab) could best carry out the envisioned research and/or development, and who should drive the formulation of such efforts?
- d. What collaboration models would be most effective for pursuing joint R&D?
- e. What resources at DOE National Laboratories would be beneficial for and could accelerate or facilitate research in this topic?
- f. Are there other factors, not addressed by the questions above, which should be considered in planning DOE HEP activities in this subject area?

Comments containing references, studies, research, and other empirical data that are not widely published should include copies of the referenced materials. Note that comments will be made publicly available as submitted. Any information that may be confidential and exempt by law from public disclosure should be submitted as described below.

Confidential Business Information: Pursuant to 10 CFR 1004.11, any person submitting information he or she

believes to be confidential and exempt by law from public disclosure should submit via email: One copy of the document marked “confidential” including all the information believed to be confidential, and one copy of the document marked “non-confidential” with the information believed to be confidential deleted. DOE will make its own determination about the confidential status of the information and treat it according to its determination. Factors of interest to DOE when evaluating requests to treat submitted information as confidential include: (1) A description of the items; (2) whether and why such items are customarily treated as confidential within the industry; (3) whether the information is generally known by or available from other sources; (4) whether the information has previously been made available to others without obligation concerning confidentiality; (5) an explanation of the competitive injury to the submitting person which would result from public disclosure; (6) when such information might lose its confidential character due to the passage of time; and (7) why disclosure of the information would be contrary to the public interest.

Depending on the response to this RFI, subsequent workshops or other activities may be held to further explore and elaborate the opportunities.

Issued in Washington, DC, on December 18, 2017.

James Siegrist,

Associate Director of Science for High Energy Physics.

[FR Doc. 2017-27877 Filed 12-26-17; 8:45 am]

BILLING CODE 6450-01-P

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Project No. 3102-025]

Jason and Carol Victoria Presley; Notice of Intent To File Subsequent License Application, Filing of Pre-Application Document, Request to use the Traditional Licensing Process, and Request To Waive Pre-Filing Requirements

a. *Type of Filings:* Notice of Intent to File Subsequent License Application and Request to Waive Pre-Filing and Notice of Intent Requirements and Notice of Filing of Preliminary Application Document and Request to Use the Traditional Licensing Process

b. *Project No.:* 3102-025.

c. *Dates Filed:* September 12 and October 31, 2017.

d. *Submitted By:* Jason and Carol Victoria Presley.

e. *Name of Project:* High Shoals Project.

f. *Location:* On the Apalachee River in Walton, Morgan, and Oconee Counties, Georgia. The project does not occupy federal lands.

g. *Filed Pursuant to:* Federal Power Act, 16 U.S.C. 791 (a)-825(r)

h. *Applicant Contact:* Mr. Jason Presley and Ms. Carol Victoria Presley, 110 Frazier Hill Road, Bishop, GA 30621, (706) 769-8293, email: jason@presley.us, victoria@presley.us.

i. *FERC Contact:* Michael Spencer at (202) 502-6093 or email at michael.spencer@ferc.gov.

j. On September 12, 2017, Jason and Carol Victoria Presley (licensee) filed a Notice of Intent to file a subsequent license application (Notice of Intent), and a request that the Commission waive certain deadlines, as required by the Commission's regulations, for filing the Notice of Intent, Pre-Application Document (PAD).¹ The licensee requests waiver of the Commission's regulations to allow for additional time to: (1) Consult with agencies and stakeholders to support a request to use the Traditional Licensing Process (TLP); (2) compile project documents for public inspection; and (3) submit a PAD and request to use the TLP.

k. On October 31, 2017, the licensee filed a PAD and a request to use the TLP.

l. The licensee requests waiver of the Commission's regulatory deadlines and notice requirements for the Notice of Intent, PAD, and Request to Use the TLP because of recent resolution of transfer of the project following the death of the prior licensee and the subsequent transfer of license to current licensee.²

m. With this notice we are soliciting comments on the licensee's PAD, request to use the TLP, and request to waive certain pre-filing requirements. All comments should be sent to the address in paragraph o below. Any individual or entity interested in submitting comments must do so within 60 days from the date that the Commission issues this notice.

n. The Notice of Intent, waiver request, PAD, request to use the TLP, and associated filings are available for review at the Commission in the Public Reference Room or may be viewed on the Commission's website (<http://>

¹ The licensee requests that sections 5.2, 5.3, 5.5, 5.6, 16.6, and 16.7 of the Commission's regulations be waived. 18 CFR 5.2, 5.3, 5.5, 5.6, 16.6, 16.7 (2017).

² *Gaynor L. Bracewell and John and Carol Victoria Presley*, 159 FERC ¶ 62,314 (2017) (Order Approving Transfer of License).

www.ferc.gov), using the eLibrary link. Enter the docket number, excluding the last three digits in the docket number field to access the document. For assistance, contact FERC Online Support at FERCOnlineSupport@ferc.gov, (866) 208-3676 (toll free), or (202) 502-8659 (TTY). A copy is also available for inspection and reproduction at the address in paragraph h.

Register online at <http://www.ferc.gov/docs-filing/esubscription.asp> to be notified via email of new filings and issuances related to this or other pending projects. For assistance, contact FERC Online Support.

o. The Commission strongly encourages electronic filing. Please file all documents using the Commission's eFiling system at <http://www.ferc.gov/docs-filing/efiling.asp>. Commenters can submit brief comments up to 6,000 characters, without prior registration, using the eComment system at <http://www.ferc.gov/docs-filing/ecomment.asp>. You must include your name and contact information at the end of your comments. For assistance, please contact FERC Online Support at FERCOnlineSupport@ferc.gov. In lieu of electronic filing, please send a paper copy to: Secretary, Federal Energy Regulatory Commission, 888 First Street NE, Washington, DC 20426. The first page of any filing should include docket number P-3102-025. All filings with the Commission must bear the appropriate heading: Comments on Pre-Application Document, Request to use TLP, or Request to Waive Pre-Filing Requirements.

Dated: December 20, 2017.

Kimberly D. Bose,
Secretary.

[FR Doc. 2017-27915 Filed 12-26-17; 8:45 am]

BILLING CODE 6717-01-P

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Docket No. EF18-2-000]

Notice of Filing; Western Area Power Administration

Take notice that on December 1, 2017, Western Area Power Administration submitted tariff filing per: Formula Rates for the Pick-Sloan Missouri Basin Project-Eastern Division—Rate Order No. WAPA-180 to be effective 1/1/2018.

Any person desiring to intervene or to protest this filing must file in accordance with Rules 211 and 214 of

the Commission's Rules of Practice and Procedure (18 CFR 385.211, 385.214). Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a notice of intervention or motion to intervene, as appropriate. Such notices, motions, or protests must be filed on or before the comment date. On or before the comment date, it is not necessary to serve motions to intervene or protests on persons other than the Applicant.

The Commission encourages electronic submission of protests and interventions in lieu of paper using the eFiling link at <http://www.ferc.gov>. Persons unable to file electronically should submit an original and 5 copies of the protest or intervention to the Federal Energy Regulatory Commission, 888 First Street NE, Washington, DC 20426.

This filing is accessible on-line at <http://www.ferc.gov>, using the "eLibrary" link and is available for review in the Commission's Public Reference Room in Washington, DC. There is an eSubscription link on the website that enables subscribers to receive email notification when a document is added to a subscribed docket(s). For assistance with any FERC Online service, please email FERCOnlineSupport@ferc.gov, or call (866) 208-3676 (toll free). For TTY, call (202) 502-8659.

Comment Date: 5:00 p.m. Eastern Time on January 2, 2018.

Dated: December 20, 2017.

Nathaniel J. Davis, Sr.,
Deputy Secretary.

[FR Doc. 2017-27902 Filed 12-26-17; 8:45 am]

BILLING CODE 6717-01-P

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Docket No. ER18-472-000]

Supplemental Notice That Initial Market-Based Rate Filing Includes Request for Blanket Section 204 Authorization; States Edge Wind I Holding LLC

This is a supplemental notice in the above-referenced proceeding of States Edge Wind I Holding LLC's application for market-based rate authority, with an accompanying rate tariff, noting that such application includes a request for blanket authorization, under 18 CFR

part 34, of future issuances of securities and assumptions of liability.

Any person desiring to intervene or to protest should file with the Federal Energy Regulatory Commission, 888 First Street NE, Washington, DC 20426, in accordance with Rules 211 and 214 of the Commission's Rules of Practice and Procedure (18 CFR 385.211 and 385.214). Anyone filing a motion to intervene or protest must serve a copy of that document on the Applicant.

Notice is hereby given that the deadline for filing protests with regard to the applicant's request for blanket authorization, under 18 CFR part 34, of future issuances of securities and assumptions of liability, is January 9, 2018.

The Commission encourages electronic submission of protests and interventions in lieu of paper, using the FERC Online links at <http://www.ferc.gov>. To facilitate electronic service, persons with internet access who will eFile a document and/or be listed as a contact for an intervenor must create and validate an eRegistration account using the eRegistration link. Select the eFiling link to log on and submit the intervention or protests.

Persons unable to file electronically should submit an original and 5 copies of the intervention or protest to the Federal Energy Regulatory Commission, 888 First Street NE, Washington, DC 20426.

The filings in the above-referenced proceeding are accessible in the Commission's eLibrary system by clicking on the appropriate link in the above list. They are also available for electronic review in the Commission's Public Reference Room in Washington, DC. There is an eSubscription link on the website that enables subscribers to receive email notification when a document is added to a subscribed docket(s). For assistance with any FERC Online service, please email FERCOnlineSupport@ferc.gov, or call (866) 208-3676 (toll free). For TTY, call (202) 502-8659.

Dated: December 20, 2017.

Nathaniel J. Davis, Sr.,
Deputy Secretary.

[FR Doc. 2017-27907 Filed 12-26-17; 8:45 am]

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