

expressed the need for greater industry collaboration to build a better case for dedicated spectrum.¹¹

Utilities have also expressed a need for dedicated spectrum for fast power restoration in an emergency or natural disaster, reliable service, and for protection from a cyber attack on the electric grid.¹² DOE thus seeks to better understand this need for dedicated spectrum; what compels the need for additional spectrum in addition to the increased amount of data that utilities are expected to handle as the deployment of Smart Grid applications multiplies.

List of Questions

The following list of questions represents a preliminary attempt to identify and respond to the issues that have been raised in the National Broadband Plan regarding the Smart Grid and DOE, as outlined in the summary of this Inquiry. This list of questions does not represent a determination of the final list of topics that should be addressed to best carry out the recommendations of the Plan. Rather, this list is intended only to assist in the formulation of comments—not to restrict the issues that might be addressed in the comments.

In addressing these questions or others, commenters must also recognize that this RFI is intended to assist and inform DOE's efforts to address the aspects of these questions that most directly implicate the duties and responsibilities assigned by law to DOE and the Secretary of Energy. This qualification is important because all interstate information technologies, including the Smart Grid, inevitably implicate the jurisdiction and expertise of the States and many other federal agencies—a few of the most obvious examples include federal law-enforcement agencies, the Department of Homeland Security, and the FCC. DOE fully intends to respect the jurisdiction and expertise of these and other governmental entities. Consequently, comments directed to matters deemed more relevant to the jurisdiction and expertise of other

governmental entities will provide little assistance relevant to this RFI.

(1) What are the current and future communications needs of utilities, including for the deployment of new Smart Grid applications, and how are these needs being met?

(2) What are the basic requirements, such as security, bandwidth, reliability, coverage, latency, and backup, for smart grid communications and electric utility communications systems in general—today and tomorrow? How do these requirements impact the utilities' communication needs?

(3) What are other additional considerations (e.g. terrain, foliage, customer density and size of service territory)?

(4) What are the use cases for various smart grid applications and other communications needs?

(5) What are the technology options for smart grid and other utility communications?

(6) What are the recommendations for meeting current and future utility requirements, based on each use case, the technology options that are available, and other considerations?

(7) To what extent can existing commercial networks satisfy the utilities' communications needs?

(8) What, if any, improvements to the commercial networks can be made to satisfy the utilities' communications needs?

(9) As the Smart Grid grows and expands, how do the electric utilities foresee their communications requirements as growing and adapting along with the expansion of Smart Grid applications?

Issued in Washington, DC, on May 5, 2010.

Scott Blake Harris,

General Counsel.

[FR Doc. 2010-11129 Filed 5-10-10; 8:45 am]

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DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Project No. 12731-004]

Natural Currents Energy Services, LLC; Notice of Preliminary Permit Application Accepted for Filing and Soliciting Comments, Motions To Intervene, and Competing Applications

April 30, 2010.

On March 2, 2010, and revised on April 7, 2010, Natural Currents Energy Services, LLC, filed an application for a preliminary permit, pursuant to section 4(f) of the Federal Power Act, proposing

to study the feasibility of the Angoon Kootznahoo—Killisnoo Tidal Energy Project, located in Kootznahoo Inlet on the western shore of Admiralty Island, near the City of Angoon in the Skagway-Hoonah-Angoon Census Area of southeastern Alaska. The sole purpose of a preliminary permit, if issued, is to grant the permit holder priority to file a license application during the permit term. A preliminary permit does not authorize the permit holder to perform any land disturbing activities or otherwise enter upon lands or waters owned by others without the owners' express permission.

The proposed project would include two developments; a 200-kilowatt-(kW) development in Kootznahoo Inlet and a 200-kW-development at Killisnoo Island. Each development would consist of: (1) A moored test platform or dock, or underwater tethering device, pending evaluation of specific site conditions; (2) eight 25-kW Red Hawk in-stream turbine modules with a total generating capacity of 200 kW; (3) an approximately 650-foot-long, 480-volt underwater transmission line connecting the Red Hawk modules to an existing above-ground local distribution system; and (4) appurtenant facilities. The project would have a total installed capacity of 400 kW and an estimated average annual generation of 1,600 megawatt-hours.

Applicant Contact: Roger Bason, President, Natural Currents Energy Services, LLC, 24 Roxanne Boulevard, Highland, NY 12528; phone: (845) 691-4008.

FERC Contact: Jennifer Harper, (202) 502-6136.

Deadline for filing comments, motions to intervene, competing applications (without notices of intent), or notices of intent to file competing applications: 60 days from the issuance of this notice. Competing applications and notices of intent must meet the requirements of 18 CFR 4.36. Comments, motions to intervene, notices of intent, and competing applications may be filed electronically via the Internet. See 18 CFR 385.2001(a)(1)(iii) and the instructions on the Commission's Web site (<http://www.ferc.gov/docs-filing/ferconline.asp>) under the "eFiling" link. For a simpler method of submitting text only comments, click on "Quick Comment." For assistance, please contact FERC Online Support at FERCOnlineSupport@ferc.gov; call toll-free at (866) 208-3676; or, for TTY, contact (202) 502-8659. Although the Commission strongly encourages electronic filing, documents may also be paper-filed. To paper-file, mail an original and eight copies to: Kimberly D.

Notice #2, GN Docket No. 09-47, 09-51, and 09-137, 3, 24 (Oct. 2 2009); Nat'l Rural Elec. Coop. Ass'n, Comments in response to the National Broadband Plan Public Notice #2, GN Docket No. 09-47, 09-51, and 09-137, 12, 14 (Oct. 2 2009).

¹¹ S. Co. Serv., Comments in response to the National Broadband Plan Public Notice #2, GN Docket No. 09-47, 09-51, and 09-137, 15, 21 (Oct. 2 2009).

¹² Nat'l Ass'n of Regulatory Util. Comm'rs, Comments in response to the National Broadband Plan Public Notice #2, GN Docket No. 09-47, 09-51, and 09-137, 3, 11 (Oct. 2 2009).

Bose, Secretary, Federal Energy Regulatory Commission, 888 First Street, NE., Washington, DC 20426.

More information about this project, including a copy of the application, can be viewed or printed on the "eLibrary" link of Commission's Web site at <http://www.ferc.gov/docs-filing/elibrary.asp>. Enter the docket number (P-12731) in the docket number field to access the document. For assistance, contact FERC Online Support.

Kimberly D. Bose,

Secretary.

[FR Doc. 2010-11108 Filed 5-10-10; 8:45 am]

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DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

Combined Notice of Filings #1

May 3, 2010.

Take notice that the Commission received the following exempt wholesale generator filings:

Docket Numbers: EG10-37-000.

Applicants: TX Solar I LLC.

Description: Notice of Self-Certification of Exempt Wholesale Generator Status of TX Solar I LLC.

Filed Date: 04/30/2010.

Accession Number: 20100430-5151.

Comment Date: 5 p.m. Eastern Time on Friday, May 21, 2010.

Take notice that the Commission received the following electric rate filings:

Docket Numbers: ER01-1699-010.

Applicants: Pilot Power Group, Inc.

Description: Pilot Power Group, Inc submits a request for Category 1 Seller Status Classification Pursuant to Order No. 697 etc.

Filed Date: 04/30/2010.

Accession Number: 20100430-0238.

Comment Date: 5 p.m. Eastern Time on Friday, May 21, 2010.

Docket Numbers: ER10-720-002.

Applicants: Northeastern Power Company.

Description: Northeastern Power Company's Refund Report.

Filed Date: 05/03/2010.

Accession Number: 20100503-5074.

Comment Date: 5 p.m. Eastern Time on Monday, May 24, 2010.

Docket Numbers: ER10-1127-001.

Applicants: Florida Power Corporation.

Description: Florida Power Corp submits correction to Amendment to the Cost-Based Sales Agreement with City of Mount Dora, FL.

Filed Date: 04/30/2010.

Accession Number: 20100430-0237.

Comment Date: 5 p.m. Eastern Time on Friday, May 21, 2010.

Docket Numbers: ER10-1139-000.

Applicants: Ameren Energy Marketing Company.

Description: Ameren Energy Marketing Company submits tariff filing per 35.12: Ameren Energy Marketing Company Market Based Rate Schedule to be effective 4/30/2010.

Filed Date: 04/30/2010.

Accession Number: 20100430-5071.

Comment Date: 5 p.m. Eastern Time on Friday, May 21, 2010.

Docket Numbers: ER10-1141-000.

Applicants: Ameren Energy Generating Company.

Description: Ameren Energy Generating Company submits tariff filing per 35.12: Ameren Energy Generating Company General Tariff to be effective 5/3/2010.

Filed Date: 04/30/2010.

Accession Number: 20100430-5099.

Comment Date: 5 p.m. Eastern Time on Friday, May 21, 2010.

Docket Numbers: ER10-1142-000.

Applicants: FirstEnergy Generation Corp.

Description: FirstEnergy Generation Corp. submits tariff filing per 35.12: Market-Based Power Sales tariff to be effective 4/1/2010.

Filed Date: 04/30/2010.

Accession Number: 20100430-5109.

Comment Date: 5 p.m. Eastern Time on Friday, May 21, 2010.

Docket Numbers: ER10-1143-000.

Applicants: PECO Energy Company.

Description: PECO Energy Company submits tariff filing per 35.12: PECO Energy Company MBR to be effective 4/30/2010.

Filed Date: 04/30/2010.

Accession Number: 20100430-5110.

Comment Date: 5 p.m. Eastern Time on Friday, May 21, 2010.

Docket Numbers: ER10-1144-000.

Applicants: Exelon Generation Company, LLC.

Description: Exelon Generation Company, LLC submits tariff filing per 35.12: Exelon Generation, LLC Vol 1 to be effective 4/30/2010.

Filed Date: 04/30/2010.

Accession Number: 20100430-5111.

Comment Date: 5 p.m. Eastern Time on Friday, May 21, 2010.

Docket Numbers: ER10-1145-000.

Applicants: Exelon Generation Company, LLC.

Description: Exelon Generation Company, LLC submits tariff filing per 35.12: Exelon Generation, LLC Vol 2 to be effective 4/30/2010.

Filed Date: 04/30/2010.

Accession Number: 20100430-5113.

Comment Date: 5 p.m. Eastern Time on Friday, May 21, 2010.

Docket Numbers: ER10-1146-000.

Applicants: New England Power Pool.

Description: New England Power Pool Participants Committee submits transmittal letter along with counterpart signature pages of the NEPOOL Agreement, dated as of 9/1/71.

Filed Date: 04/30/2010.

Accession Number: 20100430-0254.

Comment Date: 5 p.m. Eastern Time on Friday, May 21, 2010.

Docket Numbers: ER10-1147-000.

Applicants: PJM Interconnection, LLC.

Description: PJM Interconnection, LLC submits an executed

interconnection service agreement entered into among PJM et al.

Filed Date: 04/30/2010.

Accession Number: 20100430-0255.

Comment Date: 5 p.m. Eastern Time on Friday, May 21, 2010.

Docket Numbers: ER10-1149-000.

Applicants: Florida Power & Light Company.

Description: Florida Power and Light Company submits revised tariff sheets for their Open Access Transmission Tariff.

Filed Date: 04/30/2010.

Accession Number: 20100430-0224.

Comment Date: 5 p.m. Eastern Time on Friday, May 21, 2010.

Docket Numbers: ER10-1151-000.

Applicants: AmerenEnergy Resources Generating Company.

Description: AmerenEnergy Resources Generating Company submits tariff filing per 35.12: AmerenEnergy Resources Generating Company General Tariff to be effective 5/3/2010.

Filed Date: 04/30/2010.

Accession Number: 20100430-5277.

Comment Date: 5 p.m. Eastern Time on Friday, May 21, 2010.

Docket Numbers: ER10-1152-000.

Applicants: PJM Interconnection, LLC.

Description: Allegheny Power submits FERC Electric Tariff, Sixth Revised Volume No. 1.

Filed Date: 04/30/2010.

Accession Number: 20100430-0239.

Comment Date: 5 p.m. Eastern Time on Friday, May 21, 2010.

Docket Numbers: ER10-1153-000.

Applicants: Consolidated Edison Company of New York.

Description: Consolidated Edison Co of New York, Inc submits an amendment to the Delivery Service Rate Schedule No. 96.

Filed Date: 04/30/2010.

Accession Number: 20100430-0244.