

December 19, 2014

Via Electronic Filing

The Honorable Kimberley D. Bose  
Secretary  
Federal Energy Regulatory Commission  
888 First Street, N.E.  
Washington, D.C. 20426

**SUBJECT: Bear Swamp Project, FERC Project No. 2669  
Filing of Notice of Intent and Pre-Application Document**

Dear Secretary Bose:

Bear Swamp Power Company, LLC (BSPC), a limited liability company jointly owned indirectly by Brookfield Renewable Energy Group (Brookfield) and Emera, Inc., encloses for filing with the Federal Energy Regulatory Commission (FERC or Commission) the Notice of Intent (NOI) and Pre-Application Document (PAD) for the relicensing of the Bear Swamp Project (FERC Project No. 2669) (Project). BSPC is filing the NOI and PAD pursuant to the Commission's rules and regulations at 18 C.F.R. §§ 5.5 and 5.6. Concurrently with this filing, and in accordance with Section 5.5(e) of the Commission's regulations, 18 C.F.R. § 5.5(e), BSPC requests to be designated as the Commission's non-federal representative for purposes of consultation under: (1) Section 7 of the Endangered Species Act (ESA), 16 U.S.C. § 1536, and the joint agency ESA implementing regulations at 50 C.F.R. Part 402; and (2) Section 106 of the National Historic Preservation Act (NHPA), 16 U.S.C. § 470f, and the NHPA implementing regulations at 36 C.F.R. Part 800.

The enclosed NOI contains BSPC's unequivocal statement of intent to file an application for a new license for the Project. BSPC intends to pursue a new license for the Project using the Commission's Integrated Licensing Process described at 18 C.F.R. Part 5. The enclosed PAD describes the Project's facilities and operations. The PAD also presents existing, relevant, and reasonably available information regarding the Project, its environment, and any known or potential Project effects on specified resources, as required pursuant to 18 C.F.R. § 5.6.

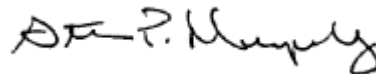
Some of the information presented in the PAD is Critical Energy Infrastructure Information (CEII) as defined by the Commission at 18 C.F.R. § 388.113(c). Such information has been removed from the public version of the PAD. In accordance with the Commission's filing guidelines, all CEII is included in a separate volume (Volume II) that has been clearly labeled as CEII. BSPC respectfully requests that this information be accorded treatment as CEII, as it consists of detailed Project facility diagrams and other information relating to the "production, generation, transportation, transmission, or distribution of energy" (18 C.F.R. § 388.113(c)).

The Honorable Kimberley D. Bose  
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As required by 18 C.F.R. §§ 5.5(c) and 5.6(a)(1), BSPC is providing a copy of the NOI and PAD (by electronic means and with CEII withheld) to appropriate federal and state resource agencies, local governments, Indian tribes, and members of the public likely to be interested in the proceeding, as set forth in the attached distribution list. The NOI and PAD can be downloaded from the Project's relicensing website at: [www.bearswampproject.com](http://www.bearswampproject.com). Further, the NOI and PAD are available from FERC's eLibrary at [www.ferc.gov/docs-filing/elibrary.asp](http://www.ferc.gov/docs-filing/elibrary.asp) by searching under Docket P-2669. Copies of the NOI and PAD can also be obtained by contacting the undersigned at the phone number or email address provided below.

BSPC looks forward to working with the Commission, agencies, Indian tribes, local governments, and members of the public to timely develop a license application and supporting record that fully meets regulatory requirements in relicensing the Project. If you have questions or require additional information, please contact me at (315) 598-6130 or via email at [Steven.Murphy@brookfieldrenewable.com](mailto:Steven.Murphy@brookfieldrenewable.com).

Steven P. Murphy



Manager, Licensing  
Brookfield Renewable Energy Group

Enclosures

Cc: Attached Distribution List

**Bear Swamp Project (FERC No. 2669)  
Distribution List**

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**(4) Statement of Intent to File**

BSPC hereby states its intent to file an application for a new license for the Bear Swamp Project, FERC No. 2669.

**(5) Principal Project Works Licensed**

The Bear Swamp Project consists of the Bear Swamp Pumped Storage Development (Bear Swamp PSD) and the Fife Brook Development.

As currently licensed, and as generally described in the Commission's August 13, 2008 Order Amending License and Approving Exhibit A<sup>1</sup> (and refined as part of the Pre-Application Document development), the principal Project works consist of:

The existing Bear Swamp PSD consists of: (1) a 118-acre Upper Reservoir with a normal maximum water surface elevation of 1,600 feet mean sea level (msl) and containing approximately 4,900 acre-feet of usable storage; (2) four impervious-core earth and rockfill dams impounding the upper reservoir, with a composite length of about 5,280 feet; (3) a 25-foot-diameter, 317-foot-long, concrete-lined intake tunnel; (4) two 396-foot-long concrete penstocks, which transition from 17.5-foot-diameter to 11-foot-diameter steel-lined sections; (5) a 79-foot-wide, 227-foot-long underground powerhouse containing two 300 megawatt (MW) reversible Francis-type pump-generating units with a total installed capacity of 600 MW; (6) two 22-foot-wide, 29-foot-high, 504-foot-long, concrete-lined tailrace tunnels terminating at an 4-bay inlet/outlet structure located on the Lower Reservoir (i.e., the Fife Brook impoundment); (7) two, single-circuit, 230-kilovolt (kV) transmission lines extending approximately 1 mile from the step-up transformers to a National Grid switchyard; and (8) appurtenant facilities.

The existing Fife Brook Development consists of: (1) an 890-foot-long, 130-foot-high earth and rockfill dam with an integrated concrete spillway structure consisting of two, 36.0-foot-wide, 40-foot-tall tainter gate bays on an ogee spillway; (2) a 152-acre impoundment with a normal maximum water surface elevation of 870 feet msl and a usable storage capacity of 4,900 acre-feet; (3) an intake structure with a trashrack and 15-foot-wide, 18-foot-high headgate; (4) a 10-foot-diameter, 200-foot-long steel penstock (with associated minimum flow pipe); (5) a concrete powerhouse containing a 10 MW Francis-type turbine/generating unit; (6) a steel-lined draft tube; (7) an approximately 1.5-mile-long, 13.8-kV transmission line connecting the generator to the regional grid; and (8) appurtenant facilities.

As further described in the Commission's August 13, 2008 order, the Commission authorized an increase in Project capacity from 610 MW to 676 MW through an upgrade to the Bear Swamp PSD pump-generating units. Certain aspects of the upgrade are complete, with the deadline for completion of balance of work being August 13, 2019.

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<sup>1</sup> 124 FERC ¶ 62,127 (2008).

**(6) Project Location**

The Project is located on the Deerfield River in the Town of Rowe, in Franklin County, Massachusetts, and the Town of Florida, in Berkshire County, Massachusetts.

**(7) Plant Installed Capacity**

The installed capacity of the Project is 610 MW.

**(8) Names and Mailing Addresses**

(i) *Every county in which any part of the Project is located, and in which any Federal facility that is used or to be used by the Project is located:*

The Project is located in Franklin and Berkshire counties in the Commonwealth of Massachusetts. Per the Secretary of the Commonwealth, the governments of Franklin and Berkshire counties have been abolished and their functions have been turned over to state agencies.<sup>2</sup>

(ii) *Every city, town, or similar political subdivision: (A) in which any part of the Project is located and any Federal facility that is used by the Project is located; or (B) that has a population of 5,000 or more and is located within 15 miles of the Project dam:*

Town of Florida  
379 Mohawk Trail  
Drury, MA 01343

Town of Williamstown  
31 North Street  
Williamstown, MA 01267

Town of Adams  
8 Park Street  
Adams, MA 01220

Town of Dalton  
462 Main Street  
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Town of North Adams  
10 Main Street  
North Adams, MA 01247

Town of Bennington  
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Town of Rowe  
321 Zoar Road  
Rowe, MA 01367

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<sup>2</sup> Secretary of the Commonwealth of Massachusetts. Undated. Part One: Concise Facts. [Online] URL: <http://www.sec.state.ma.us/cis/cismaf/mf1b.htm>. Accessed December 2014.

(iii) *Every irrigation district, drainage district, or similar special purpose political subdivision: (A) in which any part of the Project is located and any Federal facility that is used by the Project is located; or (B) that owns, operates, maintains, or uses any Project facility or any Federal facility that is used by the Project:*

Not Applicable

(iv) *Every other political subdivision in the general area of the Project that there is reason to believe would likely be interested in, or affected by, the Project:*

Franklin Regional Council of Governments  
12 Olive Street  
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(v) *Affected Indian Tribes:*

Stockbridge Munsee Community, Wisconsin  
Wallace A Miller  
Acting President  
N8476 Mo He Con Nuck Road  
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In addition to the above-listed entities, a number of federal and state resource agencies and stakeholders have expressed an interest in participating in BSPC's Integrated License Process for the relicensing of the Project. In accordance with Section 5.5(c) of the Commission's regulations, these agencies and stakeholders have been included on the distribution list for this Notification of Intent, as set forth in Appendix A of the accompanying Pre-Application Document.