

**UNITED STATES OF AMERICA  
FEDERAL ENERGY REGULATORY COMMISSION**

Boott Hydropower, LLC

Project No. 2790

**NOTICE OF INTENT TO FILE APPLICATION FOR  
NEW LICENSE**

Pursuant to 18 CFR § 5.5(b), Boott Hydropower, LLC (“Boott,” “Licensee,” or “Applicant”) notifies the Federal Energy Regulatory Commission (“FERC” or “Commission”) of its intention to file an Application for a New License for the Lowell Hydroelectric Project, Project No. 2790. The current project license was issued on April 13, 1983, and expires on April 30, 2023. Accordingly, the Licensee will file an Application for a New License no later than April 30, 2021.

The following information is provided consistent with the requirements of 18 CFR § 5.5(b).

**(1) Licensee’s Name, Address, and Phone Number:**

Boott Hydropower, LLC  
100 Brickstone Square, Suite 300  
Andover, MA 01810  
Telephone: (978) 681-1900

**(2) FERC Project Number:**

FERC Project No. 2790

**(3) License Expiration Date:**

April 30, 2023

**(4) Statement of Intent to File Application for New License:**

Boott hereby unequivocally declares its intent to file an Application for New License for the Lowell Hydroelectric Project on or before April 30, 2021. Boott will utilize FERC’s Integrated Licensing Process (ILP) in support of this relicensing.

**(5) Principal Works of the Lowell Hydroelectric Project:**

The existing Lowell Project consists of: (1) a 1,093-foot-long, 15-foot-high masonry gravity dam (Pawtucket dam) that includes a 980.5-foot-long spillway with a crest elevation of 92.2 feet National Geodetic Vertical Datum 1929 (NGVD 29) and five 5-foot-high pneumatically-operated crest gates; (2) a 720-acre impoundment with a normal maximum water surface elevation of 92.2 feet NGVD 29; (3) a 5.5-mile-long canal system (Northern and Pawtucket Canal System) that includes several small dams and a gatehouse; (4) two intake facilities; (5) a powerhouse (E.L. Field) that uses water from the Northern Canal and contains two turbine-generator units with a total installed capacity of 17.3 megawatts (MW); (6) a 1,000-foot-long tailrace channel; (7) four powerhouses (Assets, Bridge Street, Hamilton, and John Street)

housed in nineteenth century mill buildings along the Northern and Pawtucket Canal System containing nineteen turbine-generator units with a total installed capacity of 7.5 MW; (8) a 4.5-mile long, 13.8-kilovolt transmission line connecting the powerhouses to the regional distribution grid; (9) upstream and downstream fish passage facilities including a fish elevator and downstream fish bypass at the E.L. Field powerhouse, and a vertical-slot fish ladder at the Pawtucket dam; and (10) appurtenant facilities.

**(6) Project Location:**

The Lowell Project is located on the Merrimack River in the City of Lowell, Middlesex County, Massachusetts, with an impoundment extending into Hillsborough County, New Hampshire. The Project is located within Chelmsford, Lowell, and Tyngsborough, Massachusetts; and Hudson, Litchfield, Merrimack, and Nashua, New Hampshire.

**(7) Plant Installed Capacity:**

The Project's authorized installed capacity is 24.823 MW.

**(8)(i) The names and mailing addresses of every county in which any part of the project is located and in which any federal facility that is used by the project is located are:**

Middlesex County  
Register of Deeds- Middlesex County North  
360 Gorham St.  
Lowell, MA 01852

Hillsborough County  
Suite 120  
329 Mast Road  
Goffstown, NH 03045

Portions of the project lie within the boundaries of the National Park Service's Lowell National Historical Park.

**8(ii)(A) The names and mailing addresses of every city, town, or similar political subdivision in which any part of the project is or is to be located and any federal facility that is or is to be used by the project is located:**

Town of Chelmsford, MA  
50 Billerica Road  
Chelmsford, MA 01824

City of Lowell, MA  
375 Merrimack Street  
Lowell, MA 01852

Town of Hudson, NH  
12 School Street  
Hudson, NH 03051

Town of Merrimack, NH  
6 Baboosic Lake Road  
Merrimack, NH 03054

Town of Litchfield, NH  
2 Liberty Way  
Suite 2  
Litchfield, NH 03052

City of Nashua, NH  
229 Main Street  
Nashua, NH 03060

Town of Tyngsborough, MA  
 25 Bryants Lane  
 Tyngsborough, MA 01879

There are no federal lands or facilities associated with the Project.

**8(ii)(B) The names and mailing addresses of every city, town, or political subdivision that has a population of 5,000 or more people and is located within 15 miles of the Project dam:**

Town of Acton, MA  
 472 Main Street  
 Acton, MA 01720

Town of Dracut, MA  
 62 Arlington Street  
 Dracut, MA 01826

Town of Andover, MA  
 36 Bartlet Street  
 Andover, MA 01810

Town of Groton, MA  
 173 Main Street  
 Groton, MA 01450

Town of Atkinson, NH  
 21 Academy Avenue  
 Atkinson, NH 03811

Town of Harvard, MA  
 13 Ayer Road  
 Harvard, MA 01451

Town of Ayer, MA  
 1 Main Street  
 Ayer, MA 01432

City of Haverhill, MA  
 4 Summer Street  
 Haverhill, MA 01830

Town of Bedford, MA  
 10 Mudge Way  
 Bedford, MA 01730

Town of Hollis, NH  
 7 Monument Square  
 Hollis, NH 03049

Town of Billerica, MA  
 365 Boston Road  
 Billerica, MA 01821

Town of Hudson, NH  
 12 School Street  
 Hudson, NH 03051

Town of Boxford, MA  
 7A Spofford Road  
 Boxford, MA 01921

City of Lawrence, MA  
 200 Common Street  
 3rd Floor Room 309  
 Lawrence, MA 01840

Town of Burlington, MA  
 29 Center Street  
 Burlington, MA 01803

Town of Lexington, MA  
 1625 Massachusetts Avenue  
 2nd Floor, Town Office Building  
 Lexington, MA 02420

Town of Chelmsford, MA  
 50 Billerica Road  
 Chelmsford, MA 01824

Town of Lincoln, MA  
 16 Lincoln Road  
 Lincoln, MA 01773

Town of Concord, MA  
 P.O. Box 535  
 Concord, MA 01742

Town of Litchfield, NH  
 2 Liberty Way  
 Suite 2  
 Litchfield, NH 03052

Town of Derry, NH  
 14 Manning Street  
 Derry, NH 03038

Town of Littleton, MA  
37 Shattuck Street  
3rd Floor, Room 306  
Littleton, MA 01460

Town of Londonderry, NH  
268B Mammoth Road  
Londonderry, NH 03053

City of Lowell, MA  
375 Merrimack Street  
Lowell, MA 01852

Town of Lynnfield, MA  
55 Summer Street  
Lynnfield, MA 01940

Town of Merrimack, NH  
6 Baboosic Lake Road  
Merrimack, NH 03054

City of Methuen, MA  
41 Pleasant Street  
Methuen, MA 01844

Town of Middleton, MA  
48 South Main Street  
Middleton, MA 01949

City of Nashua, NH  
229 Main Street  
Nashua, NH 03060

Town of North Andover, MA  
120 Main Street  
North Andover, MA 01845

Town of North Reading, MA  
235 North Street  
North Reading, MA 01864

Town of Pelham, NH  
6 Village Green  
Pelham, NH 03076

Town of Pepperell, MA  
One Main Street  
Pepperell, MA 01463

Town of Reading, MA  
16 Lowell Street  
Reading, MA 01867

Town of Salem, NH  
33 Geremonty Drive  
Salem, NH 03079

Town of Shirley, MA  
7 Keady Way  
Shirley, MA 01464

Town of Stoneham, MA  
35 Central Street  
2nd Floor  
Stoneham, MA 02180

Town of Tewksbury, MA  
1009 Main Street  
2nd Floor  
Tewksbury, MA 01876

Town of Tyngsborough, MA  
25 Bryants Lane  
Tyngsborough, MA 01879

Town of Westford, MA  
55 Main Street  
Westford, MA 01886

Town of Wilmington, MA  
121 Glen Road  
Room 11  
Wilmington, MA 01887

Town of Windham, NH  
3 North Lowell Street  
Windham, NH 03087

City of Woburn, MA  
10 Common Street  
Woburn, MA 01801

- 8(iii) The names and mailing addresses of 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 or is proposed to be used by the project is located, or (B) that owns, operates, maintains, or uses any Project facility or any Federal facility that is or is proposed to be used by the Project:**

There are no irrigation or drainage districts or similar special purpose political subdivisions associated with or in the general area of the Project.

- 8(iv) The names and mailing addresses of 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 notification:**

There are no other political districts or subdivisions that are likely to be interested in or affected by the notification.

- 8(v) The names and mailing addresses of affected Indian tribes:**

Mashpee Wampanoag Tribe  
483 Great Neck Road South  
Mashpee, MA 02649

Wampanoag Tribe of Gay Head (Aquinnah)  
20 Black Brook Road  
Aquinnah, MA 02535

Penobscot Nation  
23 Wabanaki Way  
Indian Island, Maine 04468

Narragansett Indian Tribe  
PO Box 268  
Charlestown, RI 02813

Stockbridge Munsee Tribe of Mohican Indians  
N8467 Moh He Con Nuck Road  
Bowler, WI 54416

Boott is filing this Notice of Intent (NOI) concurrently with a Pre-Application Document (PAD). In accordance with 18 CFR § 5.5(c), the Licensee is sending notification of these filings to the Distribution list included in Appendix B of the PAD; the list includes applicable resource agencies, local governments, Indian tribes, and non-government organizations.

In accordance with 18 CFR § 5.5(e), Boott is requesting designation as the non-federal representative for Endangered Species Act consultation and for consultation under Section 106 of the National Historic Preservation Act.

### CERTIFICATE OF SERVICE

I hereby certify that I caused to be served, by U.S. First Class Mail or by electronic mail, the Notice of Intent to File Application for New License upon all interested parties designated on the attached service list in the Lowell Hydroelectric Project, Project No. 2790, in accordance with Rule 2010 of the Rules of Practice and Procedure, 18 C.F.R. § 385.2010.

April 30, 2018



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*Kevin M. Webb*  
*Hydro Licensing Manager*  
*Boott Hydropower, LLC*