

NOTIFICATION OF INTENT
KEI (USA) POWER MANAGEMENT INC. ON BEHALF OF
KEI (MAINE) POWER MANAGEMENT (III) LLC
TO FILE AND APPLICATION FOR NEW LICENSE FOR THE
UPPER BARKER PROJECT (FERC No. 3562)

**BEFORE THE
UNITED STATE OF AMERICAN
FEDERAL ENERGY REGULATORY COMMISSION**

KEI (Maine) Power Management (III) LLC

Project No. 3562

**NOTICE OF INTENT
KEI (USA) POWER MANAGEMENT INC. ON BEHALF OF
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July 26, 2018

Pursuant to 18 C.F.R. Section 5.5 of the Federal Energy Regulatory Commission's (Commission or FERC) regulations, KEI (Maine) Power Management (III) LLC (KEI (Maine)), licensee for the Upper Barker Project (FERC No. 3562), hereby gives notice and declares its intent to apply for a new license for the Upper Barker Project (FERC No. 3562).

In accordance with 18 C.F.R. Section 5.5 and Section 16.6(b), the following information is provided.

1. The existing licensee's name and address:

KEI (Maine) Power Management (III) LLC
c/o KEI (USA) Power Management Inc.
423 Brunswick Avenue
Gardiner, ME 04345

2. Project Number:

Upper Barker Hydroelectric Project, FERC No. 3562

3. License expiration date:

The Commission issued to KEI (Maine) a license to operate the Upper Barker Project by Order dated August 22, 1983. The license is for a period effective August 1, 1983 and terminating July 31, 2023. KEI (Maine) will file its Application for New License on or before January 31, 2021.

4. Applicant’s statement of intention to file an application for a subsequent license:

KEI (Maine) hereby unequivocally declares its intent to apply for a subsequent license for the Upper Barker Hydroelectric Project, FERC Project Number 3562. KEI (Maine) requests that the Commission conduct the relicensing using the Traditional Licensing Process (TLP).

5. Principal Project works include:

The Project consists of a masonry-gravity dam with flashboards, spillway, two slide gates, non-overflow stoplog and gate sections; a powerhouse containing one turbine, a downstream fish passage facility, a transformer, and appurtenant facilities.

The project reservoir is approximately 41 acres (FERC 1983) with a maximum dam storage of 120 acre-feet. Normal pond elevation for the Project is 192 feet NAVD88. Because the Project is run-of-river, there is minimal available storage behind the dam.

The dam is a stone masonry uncontrolled spillway with a resurfaced concrete overlay about 24-foot-high by 230-foot-long at permanent crest elevation 189.0 feet, a spillway with 3-foot high wooden flashboards across the length of the spillway; an integral concrete powerhouse intake structure housing one turbine-generator unit; and a Tainter gate section housing two motorized Tainter gates.

The downstream fish passage facility consists of: two submerged intake boxes at the right and left side of the powerhouse intake deck grating and two 18-inch pipes along the sides of the powerhouse walls.

The Project has 50-foot-long, 4. 16 kV generator leads; a 4. 16/12.47 kV 1.0 MVA three-phase step-up transformer; and a 50-foot-long 12.47-kV transmission line.

6. Project Location:

The Upper Barker Project is located on the Little Androscoggin River in central western Maine in Androscoggin County. The Project is located 1.3 miles upstream from the confluence of the Little Androscoggin River and the Androscoggin River.

7. Installed plant capacity:

The Upper Barker development has one generating unit with a total rated capacity of 950 kW.

8. The names and mailing address of:

a. 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 Upper Barker Project is located entirely in Androscoggin County, Maine:

Androscoggin County
2 Turner Street
Auburn, Maine 04212

There are no Federal facilities used by the Project.

b. 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:

The Upper Barker Project is located entirely within the City of Auburn.

City of Auburn
60 Court Street
Auburn, Maine 04212

There are no Federal facilities used by the Project.

Every city, town, or similar political subdivision that has a population of 5,000 or more people and is located within 15 miles of the existing or proposed project dam:

Town of Poland
1231 Maine Street
Poland, ME 04274

Town of New Gloucester
385 Intervale Road
New Gloucester, ME 04260

Town of Lisbon
300 Lisbon St.
Lisbon, ME 04250

Town of Gray
30 Payson Hill
PO Box 163
Rindge, NH 03461

Town of Turner
11 Turner Center Rd
Turner, ME 04282

c. Every irrigation district, drainage district, or similar special purpose political subdivision:

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

d. Every other political subdivision in the general area of the Project or proposed Project that there is reason to believe would be likely to 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. The following economic development and planning organizations are likely to be interested in the notification.

Androscoggin Valley Council of Governments
125 Manley Road
Auburn, ME 04210

e. Affected Indian Tribes:

KEI (Maine) is not aware that the Project affects any Native American tribe. The following federally recognized tribes in the state of Maine are:

Houlton Band of Maliseet Indians
88 Bell Road
Littleton, Maine 04730

Passamaquoddy Tribe of Indians
Pleasant Point Reservation
P.O. Box 343
Perry, Maine 04667

Aroostook Band of Micmacs
7 Northern Road
Presque Isle, Maine 04769

Passamaquoddy Tribe of Indians
Indian Township Reservation
P.O. Box 301
Princeton, Maine 04668

Penobscot Indian Nation
Indian Island Reservation
12 Wabanaki Way
Indian Island, Maine 04468

9. Whether the application is for a power or non-power license:

The Upper Barker Project license application is for a power license.

Furthermore, in accordance with 18 C.F.R. Section 5.5, KEI (Maine) must distribute this notification of intent to appropriate Federal, state, and interstate resource agencies, Indian tribes, local governments, and members of the public likely to be interested in the

proceeding. A complete listing of appropriate agencies, tribes, local governments and non-governmental organizations (NGOs) is provided in Appendix A of the Pre-Application Document (PAD).

The information required to be made available to the public pursuant to 18 C.F.R Section 16.7 is located at the KEI (Maine) Corporate Office at 423 Brunswick Avenue, Gardiner, ME 04345.

All correspondence and service of documents relating to this Notification of Intent and subsequent proceedings should be addressed to:

Lewis C. Loon
KEI (USA) Power Management Inc.
423 Brunswick Avenue
Gardiner, ME 04345

10. Non-federal representative:

Pursuant to 36 C.F.R. § 800.2(c)(4), KEI (Maine) requests that FERC authorize KEI (Maine) to initiate consultation, as described in Section 106 of the National Historic Preservation Act, with the Maine State Historic Preservation Officer (SHPO) and others regarding relicensing of the Project. KEI (Maine) also, pursuant to 50 C.F.R. §402.08, requests that FERC designate KEI (Maine) as its nonfederal representative for the Project for the purpose of informal consultation with the U.S. Fish and Wildlife Service, pursuant to Section 7 of the Endangered Species Act.