

NOTIFICATION OF INTENT
GREEN LAKE WATER POWER COMPANY
TO FILE AN APPLICATION FOR NEW LICENSE FOR THE
GREEN LAKE DAM HYDROELECTRIC PROJECT (FERC No. 7189)

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

Green Lake Water Power Company

Project No. 7189

NOTICE OF INTENT

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TO FILE AN APPLICATION FOR NEW LICENSE FOR THE
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March 29, 2019

Pursuant to 18 C.F.R. Section 5.5 of the Federal Energy Regulatory Commission's (Commission or FERC) regulations, Green Lake Water Power Company (GLWP), licensee for the Green Lake Dam Hydroelectric Project (FERC No. 7189), hereby gives notice and declares its intent to apply for a new license for the Green Lake Project (FERC No. 7189).

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:

Green Lake Water Power Company
120 Hatchery Way
Ellsworth, ME 04605

2. Project Number:

Green Lake Dam Hydroelectric Project, FERC No. 7189

3. License expiration date:

The Commission issued to GLWP a license to operate the Green Lake Project by Order dated April 5, 1984. The license is for a period effective April 5, 1984 and terminating March 31, 2024. GLWP will file its Application for New License on or before March 31, 2022.

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

GLWP hereby unequivocally declares its intent to apply for a subsequent license for the Green Lake Dam Hydroelectric Project, FERC Project Number 7189. Green Lake requests that the Commission conduct the relicensing using the Traditional Licensing Process (TLP).

5. Principal Project works include:

The project includes the dam on Green Lake and Reeds Brook, an intake structure, a penstock, a powerhouse, two generating units and appurtenant transmission and control facilities.

The Project has a 2,989-acre reservoir with a usable storage capacity of approximately 10,000 acre-feet at elevation 106.7 feet USGS datum with a 3.2-foot drawdown.

Green Lake Dam is a concrete, dry stone, timber and sheet steel dam 270 feet in length and a maximum of 7.5 feet high. It has a 22-foot-long concrete gravity gate section containing two lift gates, an intake structure and three spillway sections. A 1,740-foot long penstock, which includes reinforced concrete and wood stave sections, connects the intake structure to the powerhouse.

The principle spillway, which accounts for 80 feet of the 270-foot length, has a permanent crest at an elevation of 160.7 feet USGS datum. The spillway discharges into Reeds Brook via a flume below the dam. The spillway has 2-foot tall fish screens on its crest, and does not have flashboards.

A penstock tap has been installed by the Project to provide a source of surface water to the Green Lake National Fish Hatchery (GLNFH). From May through September, the GLNFH gets much of its water from the Project penstock tap. This surface water is better oxygenated and warmer than the water supplied by the Hatchery's Green Lake water intakes. The Project operates in a way that facilitates the use of water by the GLNFH.

6. Project Location:

The gate section controls discharge from Green Lake into Reeds Brook. Reeds Brook empties into Graham Lake approximately 2,000 feet below Green lake. Graham Lake is part of FERC Project No. 2727, licensed to Black Bear Hydro Partners LLC.

The Green Lake Hydroelectric Project is located on Green Lake and Reeds Brook in Hancock County, in the City of Ellsworth. Ellsworth is the gateway to the Downeast region of coastal Maine. The project discharges into Reeds Brook which empties into Graham Lake approximately 2,000 feet below Green Lake. Reeds Brook drops about 55 feet in the process. Graham Lake is part of FERC Project No. 2727, Ellsworth Hydroelectric Project, licensed to Black Bear Hydro Partners LLC.

Much of the Project is located on GLNFH land.

7. Installed plant capacity:

The Green Lake project has two generating units with a total rated capacity of 425 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 Green Lake Project is located entirely in Hancock County, Maine:

Hancock County Commissioners Office
50 State Street, Suite 7
Ellsworth, Maine 04605

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 Green Lake Hydroelectric Project is located entirely within the City of Ellsworth.

City of Ellsworth
1 City Hall Plaza
Ellsworth, Maine 04605

The project penstock, power house, driveway, and transmission line occupy approximately 2 acres of Green Lake National Fish Hatchery (GLNFH) land. The National Fish Hatchery uses up to 30 cfs of water from Green Lake on a priority basis.

Green Lake National Fish Hatchery
1 Hatchery Way
Ellsworth, Maine 04605

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:

The only city within 15 miles that has a population of 5,000 or more people is the City of Ellsworth. Ellsworth is approximately 6 miles away from the existing project dam and has a population of about 7,500

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:

Green Lake Water Power Company has identified no other political districts or subdivisions that are likely to be interested in or affected by the notification.

e. Affected Indian Tribes:

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

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 Green Lake Hydroelectric Project license application is for a power license.

Furthermore, in accordance with 18 C.F.R. Section 5.5, GLWP 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 <https://greenlakewaterpower.com> (select the Relicensing Files link).

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

Green Lake Water Power Company
120 Hatchery Way
Ellsworth, ME 04605

10. Non-federal representative:

Pursuant to 36 C.F.R. § 800.2(c)(4), GLWP requests that FERC authorizes them 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. GLWP also, pursuant to 50 C.F.R. §402.08, requests that FERC designate GLWP 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.