



BILLING CODE 6717-01-P
DEPARTMENT OF ENERGY
FEDERAL ENERGY REGULATORY COMMISSION

Aquenergy Systems, LLC

Project No. 2428-007

NOTICE OF APPLICATION READY FOR
ENVIRONMENTAL ANALYSIS AND SOLICITING COMMENTS,
RECOMMENDATIONS, TERMS AND CONDITIONS, AND PRESCRIPTIONS

Take notice that the following hydroelectric application has been filed with the Commission and is available for public inspection.

- a. Type of Application: Subsequent License
- b. Project No.: 2428-007
- c. Date filed: December 30, 2015
- d. Applicant: Aquenergy Systems, LLC (Aquenergy)
- e. Name of Project: Piedmont Hydroelectric Project
- f. Location: The existing project is located on the Saluda River in the Town of Piedmont, in Anderson and Greenville Counties, South Carolina. The project does not affect federal land.
- g. Filed Pursuant to: Federal Power Act 16 USC 791 (a) - 825(r).
- h. Applicant Contact: Beth E. Harris, P.E., Regional Operations Manager, Enel Green Power North America, Inc., 11 Anderson Street, Piedmont, SC 29673; Telephone – (864) 846-0042; Email – beth.harris@enel.com, **OR** Kevin Webb, Hydro Licensing Manager, Enel Green Power North America, Inc., One Tech Drive, Suite 220, Andover, MA 01810; Telephone – (978) 681-1900; Email – kevin.webb@enel.com.
- i. FERC Contact: Navreet Deo, (202) 502-6304, or navreet.deo@ferc.gov.
- j. Deadline for filing comments, recommendations, terms and conditions, and prescriptions: 60 days from the issuance date of this notice; reply comments are due 105 days from the issuance date of this notice.

The Commission strongly encourages electronic filing. Please file comments, recommendations, terms and conditions, and prescriptions using the Commission's eFiling system at <http://www.ferc.gov/docs-filing/efiling.asp>. Commenters can submit brief comments up to 6,000 characters, without prior registration, using the eComment system at <http://www.ferc.gov/docs-filing/ecomment.asp>. You must include your name and contact information at the end of your comments. For assistance, please contact FERC Online Support at FERCOnlineSupport@ferc.gov, (866) 208-3676 (toll free), or (202) 502-8659 (TTY). In lieu of electronic filing, please send a paper copy to: Secretary, Federal Energy Regulatory Commission, 888 First Street, NE, Washington, D.C. 20426. The first page of any filing should include docket number P-2428-007.

The Commission's Rules of Practice require all intervenors filing documents with the Commission to serve a copy of that document on each person on the official service list for the project. Further, if an intervenor files comments or documents with the Commission relating to the merits of an issue that may affect the responsibilities of a particular resource agency, they must also serve a copy of the document on that resource agency.

k. This application has been accepted and is now ready for environmental analysis.

1. The Piedmont Project consists of: (1) a 600-foot-long by 25-foot-high stone masonry dam, consisting of (i) a 200-foot-long non-overflow section, (ii) a 200-foot-long central overflow spillway topped with 16-inch-high wooden flashboards, and (iii) a 200-foot-long non-overflow spillway housing the inoperable J.P. Stevens Canal intake; (2) a 22-acre impoundment at a normal pool elevation of 774 feet mean sea level; (3) a 140-foot-long by 81-foot-wide intake canal consisting of eight gates at the head of the canal controlling flow to the powerhouse; (4) a 52-foot-long by 52-foot-wide brick masonry powerhouse protected by a trashrack structure with 2-inch clear bar spacing, located 120 feet downstream of the dam, containing one vertical Francis turbine generating unit that totals 1,000 kilowatt (kW); (5) a 180-foot-long by 38-foot-wide tailrace; (6) a 263-foot-long, 600-volt transmission line connecting the powerhouse to the non-project substation; and (7) appurtenant facilities.

Aquenergy operates the project in a run-of-river mode using automatic pond level control, with no useable storage or flood control capacity. A continuous minimum flow of 15 cubic feet per second (cfs) or inflow, whichever is less, is released into the bypassed area. The minimum flow is achieved via an 8-foot-wide by 1-foot-deep weir on the spillway crest. The project operates under an estimated average head of 26 feet, including the 16-inch-high spillway flashboards. The impoundment water surface elevation is maintained at 774 feet. River flows between 159 cfs and 535 cfs are used for power generation, while flows in excess of 535 cfs are passed over the flashboards and

spillway. The total installed capacity of the project is 1,000 kW from the single generating unit. The project generates approximately 5,369 megawatt-hours annually, which are sold to a local utility.

Aquenergy proposes to continue to operate and maintain the Piedmont Project as is required in the existing license, and to develop canoe portage facilities.

m. A copy of the application is available for review at the Commission in the Public Reference Room, or may be viewed on the Commission's website at <http://www.ferc.gov> using the "eLibrary" link. Enter the docket number excluding the last three digits in the docket number field to access the document. For assistance, contact FERC Online Support. A copy is also available for inspection and reproduction at the address in item h above.

All filings must: (1) bear in all capital letters the title COMMENTS, REPLY COMMENTS, RECOMMENDATIONS, TERMS AND CONDITIONS, or "PRESCRIPTIONS;" (2) set forth in the heading the name of the applicant and the project number of the application to which the filing responds; (3) furnish the name, address, and telephone number of the person submitting the filing; and (4) otherwise comply with the requirements of 18 CFR 385.2001 through 385.2005. All comments, recommendations, terms and conditions or prescriptions must set forth their evidentiary basis and otherwise comply with the requirements of 18 CFR 4.34(b). Agencies may obtain copies of the application directly from the applicant. Each filing must be accompanied by proof of service on all persons listed on the service list prepared by the Commission in this proceeding, in accordance with 18 CFR 4.34(b) and 385.2010.

You may also register online at <http://www.ferc.gov/docs-filing/esubscription.asp> to be notified via email of new filings and issuances related to this or other pending projects. For assistance, contact FERC Online Support.

n. A license applicant must file no later than 60 days following the date of issuance of this notice: (1) a copy of the water quality certification; (2) a copy of the request for certification, including proof of the date on which the certifying agency received the request; or (3) evidence of waiver of water quality certification.

DATED: November 16, 2017

Kimberly D. Bose,
Secretary.

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