

LIBERTY

UNIVERSITY

December 1, 2014

Planning and Construction

Via Electronic Filing

Ms. Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426

**Re: Project No. P44425-000
Scott's Mill Hydropower Project, Liberty University, Inc.
Fourth Six-Month Preliminary Permit Progress Report**

Dear Ms. Bose:

On December 6, 2012, the Federal Energy Regulatory Commission issued a Preliminary Permit to Liberty University, Inc. ("Liberty") regarding the Scott's Mill Hydropower Project No. 14425 ("Project"). Pursuant to Article 4 of the Preliminary Permit, Liberty University, Inc. hereby submits its fourth six-month progress report. During the fourth six-month period of the Preliminary Permit, on behalf of Liberty and Luminaire Technologies have:

- Met with, and retained an energy consultant to provide an independent view of ongoing activities, including integration of potential electrical output from Scotts Mill Dam into overall Liberty energy planning.
- Initiated an investigation of advanced turbines which include improved economics and potential renewable energy grants.
- Continued to evaluate the feasibility of installing new or refurbished turbine and generation equipment as opposed to advanced turbines. Focused on new vertical full Kaplan turbines and generating equipment or refurbished Francis turbines and generators.
- Continued research regarding the requirements of Commonwealth of Virginia resource agencies concerning minimum flows, recreation, and public access at the site.
- Continued refinement of commercial aspects of the Project, including financial modeling, and related capital investment.

Liberty intends to pursue the following development activities over the next six month period:

- A meeting and discussion is currently being scheduled with representatives of an advanced turbine company, which will be held in Lynchburg.

- Continue to evaluate new vertical full Kaplan turbines (and generating equipment) and refurbished Francis turbines and generators, as opposed to next generation or advanced turbines.
- Continue to review and evaluate the commercial, financial, and operational aspects of the Project.
- Continue to identify and refine studies, investigations, tests, plans and specifications regarding the Project.
- Continue researching potential grants that would offset the cost of installing next generation turbines and apply for said grants as appropriate.
- Continue research on innovative turbine design that would qualify for prospective grants and apply for said grants as appropriate.
- Further refine capital expenditure models, associated overhead, and maintenance spend, as well as transmission and distribution costs to update Project proformas and the ROI analysis, once design parameters have been finalized.
- Finalize planning incorporating current tax benefits for renewable energies.
- Initiate discussions with potential off takers for off peak electricity produced from the dam.
- Verify title and access rights to the dam location.

Please contact the undersigned if you have any questions or comments regarding this progress report.

Respectfully submitted,

LIBERTY UNIVERSITY, INC.

Lee Beaumont by e <

Mr. Lee Beaumont
Senior Vice President, Auxiliary Services

Document Content(s)

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