

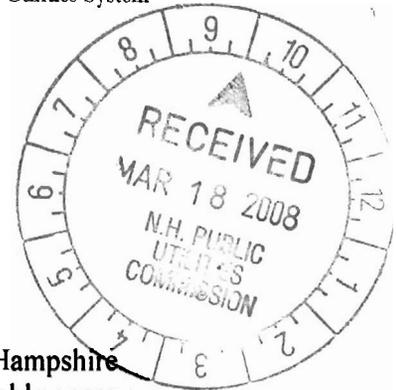


**Public Service  
of New Hampshire**

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The Northeast Utilities System



DE08-042

Deborah Howland  
Executive Director  
New Hampshire Public Utilities Commission  
21 South Fruit Street, Suite 10  
Concord, NH 03301-2429

March 14, 2008

Re: RENEWABLE ENERGY CERTIFICATE ELIGIBILITY  
APPLICATION FOR PSNH SMITH STATION

Dear Ms. Howland,

Enclosed please find an original and six copies of Public Service Company of New Hampshire (PSNH) Smith Station's application for determination of eligibility to acquire renewable energy certificates consistent with the New Hampshire Public Utilities Commission Renewable Portfolio Standard (Puc 2500).

PSNH recently completed a major capital investment project at Smith Station to replace the original hydroelectric turbine with a higher-efficiency design. The resulting improvement in generation is a Class I source as defined in Puc 2502.06; that is, incremental new production of electricity over the historical generation baseline resulting from capital investments in efficiency improvements pursuant to RSA 362-F:4, I(i).

RSA 362-F:3 specifies the minimum electric renewable portfolio standards beginning in 2008 and RSA 362-F:2 XVI defines a year as beginning January 1. Accordingly, consistent with discussions during the public review sessions of the interim rules in recognition of this initial start-up year, PSNH requests eligibility for Smith Station incremental hydroelectric generation to acquire Class I renewable energy certificates beginning January 1, 2008.

As enumerated in the application requirements of Puc 2505.02, the following documents supporting eligibility of the incremental new production at Smith Station as a Class I source are included:

1. Smith Station Facility Information
2. Appendix A – FERC Operating License
3. Appendix B – FERC Order Certifying Incremental Hydropower Generation
4. Appendix C – Existing Annual Energy Calculation
5. Appendix D – Expected Annual Energy Calculation

We look forward to your review and acceptance of PSNH Smith Station's renewable energy certificate eligibility application. If you have questions or further information requests, please contact me or Elizabeth H. Tillotson or Senior Counsel Gerald M. Eaton at (603) 669-4000.

Sincerely,

William H. Smagula, P.E.  
Director - Generation