

February 26, 2013

Richard A. Miller, Esq.
Director, Environmental Policy
University of Connecticut
U-3055
Storrs, CT 06269

RE: Microgrid Grant and Loan Pilot Program

Dear Mr. Miller:

Thank you for your response to the State of Connecticut's Microgrid Grant and Loan Pilot Program Project Feasibility Application issued on November 5, 2012 (PFA Submission). The Department of Energy and Environmental Protection (DEEP) has completed the technical feasibility evaluation of your proposed microgrid project submitted on January 3, 2013.

Congratulations, the PFA Submission has passed the technical feasibility evaluation.

The University of Connecticut is invited to submit a response to the Request for Proposals (RFP) that will be issued in the coming weeks. The following technical feasibility criteria require more complete information should you choose to continue in the Program:

1. Please provide a revised interconnection application.
2. Please provide a one-line diagram using ANSI/IEEE standard symbols showing the complete microgrid system (including all connections to critical facilities, utility point of interconnection, isolation points, switching elements, generation sources, and protective relay functions).
3. Please describe in detail project-specific proposed protective relaying and equipment.
4. Please provide clarification to the sequence of operation regarding fuel cell transition from grid parallel to island operation.
5. Please demonstrate how voltage and frequency will be controlled in island mode.
6. Please provide project-specific load management and detailed load shedding plans.
7. Please demonstrate how all generation, not just fuel cell, will comply with IEEE-1547.
8. Please provide a detailed black start sequence of operation for the next phase.
9. Please conduct a load flow study for the campus distribution system.

DEEP's review of your RFP submission will include the review of the technical feasibility information listed above in addition to the RFP criteria. Please contact Alex Kragie at alex.kragie@ct.gov if you wish to further discuss the evaluation of your proposed microgrid project.

Sincerely,

Tracy Babbidge

Tracy Babbidge
Bureau Chief
Department of Energy and Environmental Protection
Bureau of Energy and Technology Policy