

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Petition of Plainfield Renewable Energy LLC for a) Petition 784
Declaratory Ruling that No Certificate of Environmental)
Compatibility and Public Need Is Required for the)
Construction, Maintenance, and Operation of a 37.5 MW)
Wood Biomass Staged Gasification Generating Project in)
Plainfield, Connecticut) November 9, 2006

PRE-FILE TESTIMONY OF
MACAULEY WHITING, JR. AND MICHAEL I. HOLZMAN

Q. Mr. Whiting, please discuss your current position at Decker Energy International, Inc. (“Decker”).

A. I am the President of Decker. My business address is 152 Lincoln Avenue, Winter Park, FL 32789. I was one of the founders of Decker in 1982.

Q. Mr. Whiting, please identify the purpose of this testimony.

A. The purpose of my testimony is to update the Connecticut Siting Council (“Siting Council”) on developments in the Plainfield Renewable Energy (“PRE”) project since the filing of the Siting Council Petition on August 14, 2006. Specifically, this testimony will discuss: (i) the change to the Project’s water intake and discharge location; (ii) changes in the Project’s start up fuel;(iii) changes to the site plan; (iv) the Project’s environmental equity meeting; (v) the status of the Project’s interconnection; and (vi) and an update on the Project’s air permit application.

Q. Please describe the change in the Project's water intake and discharge location.

A. Since the filing of the Petition, PRE has executed a purchase agreement with Man-Burch, LLC for an approximately 14 acre parcel along the Quinebaug River, approximately 1,500 feet from the original location. The new location is reflected in Exhibit CSC-5-1 that was provided in response to the Council's interrogatory 5 (Set 1). PRE was unable to utilize an existing easement agreement for the property where the intake and discharge location is indicated on the Figures in the Petition.

Q. Please describe the change in the Project's start up fuel.

A. PRE will require start up fuel for initial testing and occasional restarting of the facility following maintenance outages. PRE will now be using biodiesel, a renewable fuel, in place of propane for these purposes. The fuel will be delivered by truck and will be stored in an approximately 10,000 gallon tank.

Q. Please describe the change to the site plan.

A. The Plan has been refined in the area of storm water drainage and management. The propane storage area has also been relabeled to reflect the use of biodiesel in place of propane.

Q. Please describe the Project's meeting to discuss environmental matters.

A. Consistent with the DEP Solid Waste Permitting process, PRE held a public informational meeting at the Plainfield Town Hall on October 16, 2006 to provide information about the Project. The Community Outreach/Environmental Justice Implementation Report is attached as Exhibit 1.

Q. Please describe the status of the Project's interconnection to the electrical grid.

A. Substantial progress has been made on the PRE electrical interconnection studies with ISO-NE. The ISO has already completed thermal studies, voltage studies and a steady state analysis which have not shown any impact to the electric system from a PRE interconnection.

Q. Mr. Whiting, does this conclude your testimony?

A. Yes.

Q. Mr. Holzman, please provide you company name and business address.

A. I am the founder and principal of M.I. Holzman & Associates, LLC. My business address is 57 Mountain View Drive, West Hartford, CT 06117. I have been an air quality engineering consultant for 21 years.

Q. Please identify the purpose of this testimony and your role in the Project.

A. The purpose of my testimony is to update the Siting Council on the status of the Project's air permit application and provide additional information on the Project's estimated ambient impact that has been developed since the Petition was filed. In connection with the Project, I have been responsible for developing the air permit application which has included the following tasks: (i) quantification of air pollutant emissions from all sources associated with proposed project; (ii) evaluation of proposed emission controls in comparison to available alternative technologies and demonstrated that proposed controls meet regulatory criteria for Best Available Control Technology (BACT) and Lowest Achievable Emission Rate (LAER) for all applicable pollutants; (iii)

air quality impact analysis/dispersion modeling to demonstrate that ambient air quality impacts will comply with all applicable DEP and EPA criteria; (iv) demonstration of compliance of hazardous air pollutants with DEP Maximum Allowable Stack Concentrations; (v) preparation of the permit application to DEP to construct and operate the Project, submitted August 8, 2006; and (vi) preparation of air quality impact sections of Siting Council Petition.

Q. Please provide an update on the status of the air permit application.

A. The air permit application was submitted August 8, 2006, including all required analyses and demonstrations, with the exception of the air quality impact analysis. The DEP issued its Notice of Administrative Sufficiency on September 13, 2006 and is currently conducting its technical review. The air quality impact analysis has been completed since filing of the air permit application and the Siting Council Petition and the summary report is currently being prepared for submittal to DEP. The Siting Council will be copied upon final submittal. The results of the impact analysis demonstrate compliance with all applicable Ambient Air Quality Standards and Prevention of Significant Deterioration Increments, including the effects of nearby interacting sources. The modeling analysis also demonstrates the acceptability of the originally-proposed 155 foot stack height in meeting all air quality impact criteria. It was desired to keep the stack height as low as possible to minimize visible impacts and FAA stack lighting requirements while complying with all air quality standards.

Q. Mr. Whiting described the change in the Project's start up fuel from propane to biodiesel. What effect will this have on emissions or air quality impacts?

A. Worst-case emissions occur during normal operation of the Project's fluidized bed gasifier when using biomass fuel. For air quality modeling purposes, we have assumed that condition occurs all of the time. Conservatively estimated emissions from biodiesel start up operations will still be less than those from normal operation on biomass fuel. I have discussed this change with the DEP permit engineer and will submit updated emissions estimates for DEP review.

Q. Mr. Holzman, does this conclude your testimony?

A. Yes.

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