

**Projects Committee of the
Connecticut Clean Energy Fund Board
Minutes
Thursday, October 16, 2008**

A regular meeting of the **Projects Committee (the “Committee”)** of the **Renewable Energy Investments Board** hereinafter referred to as the **“Connecticut Clean Energy Fund Board”** was held on October 16, 2008, at the office of the Connecticut Clean Energy Fund, 200 Corporate Place, Rocky Hill, CT.

1. Call to Order: Jerry Peters, Chairman of the Committee, called the meeting to order at 10:07 a.m. Committee members present: Norma Glover (by phone), Kevin Hennessey (by phone), Robert Maddox (by phone), John Olsen, and Jerry Peters (by phone).

Staff and Adjunct Staff Attending: George Bellas, Christin Cifaldi, Dale Hedman, Dave Ljungquist, Shelly Mondo, Angela Perondi-Pitel, and Rick Ross.

Public Attending: None

2. Approval of Meeting Minutes:

Upon a motion made by Ms. Glover, seconded by Mr. Hennessey, the Committee members voted in favor of adopting the minutes from the September 18, 2008 meeting as presented (Mr. Olsen not present for the vote).

3. On-Site DG Program Project Proposals:

“Aetna Inc., Hartford—PV Project”

Mr. Ross discussed the proposal by Solar Works, Inc. under the On-Site Renewable DG Program for a 221.83 kW_{STC} (200.09 kW_{PTC}) PV project. He explained that approximately one-half of the systems capacity will be installed canopy style on the side of the building and approximately one-half will be installed on the roof of the Aetna corporate headquarters Atrium building located in Hartford, Connecticut. Mr. Ross reviewed the specifics of the system, the efficiencies, peak demands, projected production of annual kilowatt hours, annual savings, and system optimization. Aetna will own the system, and the project is anticipated to be completed in May 2009.

Upon a motion made by Mr. Hennessey, seconded by Ms. Glover, the Committee members voted in favor of adopting the following resolution regarding the Aetna, Hartford PV Project (Mr. Olsen not present for the vote):

RESOLVED:

- (1) that the Aetna Corporation, a 221.83 kW_{STC} split canopy and roof mounted solar photovoltaic system to be located at 151 Farmington Avenue in Hartford, Connecticut (Project), has been determined by the Connecticut Clean Energy Fund, Board of Directors (CCEF Board) to be in the furtherance of the CCEF Comprehensive Plan and in the interests of ratepayers, and that funding be approved for the Project in an amount not to exceed \$850,000 (Grant), which includes \$56,374 the present value incentive of the estimated Renewable Energy Credits or Certificates (RECs) to be produced by the Project over its contractual life, but that legal title to the RECs produced by the Project shall remain with the CCEF for the contractual life of the Project;
- (2) that Peter Longo, President and Executive Director of Connecticut Innovations, Inc. (CI), Lise Dondy, Vice President of CI and President of the CCEF, or any other duly authorized officer of CI, is authorized to execute and deliver for, and on behalf of the CCEF, not later than April 30, 2009, any contract or other legal instrument necessary to effect the Grant on terms and conditions as he or she shall deem to be in the interests of the CCEF and ratepayers, in conformance with the wishes of the CCEF Board, and in conformance with Section VI of the operating procedures of the CCEF Board. The authorized officer's approval thereof is hereby authorized to be conclusively evidenced by the execution and delivery of said legal instrument; and
- (3) that the proper CI officers are authorized and empowered to do all other acts and execute and deliver all other documents as they shall deem necessary and desirable to effect the above-mentioned legal instrument.

“Really Good Stuff, Monroe--PV Project”

Ms. Cifaldi reviewed the proposal by Really Good Stuff (RGS) under the On-Site Renewable DG Program for a 224.48 kW_{STC} system to be installed on the roof of the RGS facility at 448 Pepper Street, Monroe. She mentioned the project is an outright purchase of the system by RGS. Really Good Stuff completed an energy audit and has upgraded the building's lighting and installed motion sensors. Ms. Cifaldi discussed the project participants and financial data for the project. She stated it is anticipated the project will be completed by December 31, 2008. Mr. Olsen joined the meeting during the discussion of this proposal.

Upon a motion made by Ms. Glover, seconded by Mr. Olsen, the Committee members voted unanimously in favor of adopting the following resolution regarding the Really Good Stuff, Monroe PV Project:

RESOLVED:

- (1) that Really Good Stuff, a 224.48 kW_{STC} photovoltaic system to be located at 448 Pepper Street, Monroe, Connecticut (Project), has been determined by the Connecticut Clean Energy Fund, Board of Directors (CCEF Board) to be in the furtherance of the CCEF Comprehensive Plan and in the interests of ratepayers, and that funding be approved for the Project in an amount not to exceed \$755,246 (Grant), which includes \$52,246 the present value incentive of the estimated Renewable Energy Credits or Certificates (RECs) to be produced by the Project over its contractual life, but that legal title to the RECs produced by the Project shall remain with the CCEF for the contractual life of the Project;
- (2) that Peter Longo, President and Executive Director of Connecticut Innovations, Inc. (CI), Lise Dondy, Vice President of CI and President of the CCEF, or any other duly authorized officer of CI, is authorized to execute and deliver for, and on behalf of the CCEF, not later than April 30, 2009, any contract or other legal instrument necessary to effect the Grant on terms and conditions as he or she shall deem to be in the interests of the CCEF and ratepayers, in conformance with the wishes of the CCEF Board, and in conformance with Section VI of the operating procedures of the CCEF Board. The authorized officer's approval thereof is hereby authorized to be conclusively evidenced by the execution and delivery of said legal instrument; and
- (3) that the proper CI officers are authorized and empowered to do all other acts and execute and deliver all other documents as they shall deem necessary and desirable to effect the above-mentioned legal instrument.

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Honey Cell, Shelton—PV Project”**

Ms. Cifaldi discussed the proposal by Honey Cell, Incorporated under the On-Site Renewable DG Program for a 199.8 kW_{STC} (178.932 kW_{PTC}) system to be installed on the roof of the Honey Cell facility in Shelton, Connecticut. The project is an outright purchase of the system by Honey Cell. Ms. Cifaldi reviewed the project and the project attributes. She mentioned an energy audit was completed in 2006, and a grant was provided by United Illuminating for some of the energy upgrades. Ms. Cifaldi reviewed the project participants, project costs and other financial data. She stated the project is anticipated to be completed by December 15, 2008.

A discussion ensued about shading at project sites. Staff will provide more information about this issue before the next Projects Committee meeting.

Upon a motion made by Ms. Glover, seconded by Mr. Olsen, the Committee members voted unanimously in favor of

**adopting the following resolution regarding the Honey Cell,
Shelton PV Project:**

RESOLVED:

- (1) that Honey Cell, a 198.8 kW_{STC} photovoltaic system to be installed at 600 Bridgeport Avenue, Shelton, Connecticut (Project), has been determined by the Connecticut Clean Energy Fund, Board of Directors (CCEF Board) to be in the furtherance of the CCEF Comprehensive Plan and in the interests of ratepayers, and that funding be approved for the Project in an amount not to exceed \$620,806 (Grant), which includes \$40,806 the present value incentive of the estimated Renewable Energy Credits or Certificates (RECs) to be produced by the Project over its contractual life, but that legal title to the RECs produced by the Project shall remain with the CCEF for the contractual life of the Project;
- (2) that Peter Longo, President and Executive Director of Connecticut Innovations, Inc. (CI), Lise Dondy, Vice President of CI and President of the CCEF, or any other duly authorized officer of CI, is authorized to execute and deliver for, and on behalf of the CCEF, not later than April 30, 2009, any contract or other legal instrument necessary to effect the Grant on terms and conditions as he or she shall deem to be in the interests of the CCEF and ratepayers, in conformance with the wishes of the CCEF Board, and in conformance with Section VI of the operating procedures of the CCEF Board. The authorized officer's approval thereof is hereby authorized to be conclusively evidenced by the execution and delivery of said legal instrument; and
- (3) that the proper CI officers are authorized and empowered to do all other acts and execute and deliver all other documents as they shall deem necessary and desirable to effect the above-mentioned legal instrument.

“Skinner Valve, New Britain—PV Project”

Ms. Cifaldi reviewed the proposal by Constellation Energy Products and Services Group, Incorporated under the On-Site Renewable DG Program for a 215.04 kW_{STC} system to be installed on the roof of Parker Hannifin's Skinner Valve facility located at 95 Edgewood Avenue, New Britain. The project is a power purchase agreement with Constellation Energy. Skinner Valve has performed many energy efficiency upgrades and has received several grants from CL&P to help fund the upgrades. Ms. Cifaldi described the project attributes. The project is expected to be completed by March 2009.

A discussion ensued on the existing credit problems in the market and recommendation was made for staff to ensure CCEF is protected as much as possible in light of the credit problems occurring in the market.

Upon a motion made by Ms. Glover, seconded by Mr. Olsen, the Committee members voted unanimously in favor of adopting the following resolution regarding the Skinner Valve PV Project in New Britain:

RESOLVED:

- (1) that Skinner Valve, a 215.04 kW_{STC} system photovoltaic system to be located at 95 Edgewood Avenue, New Britain, Connecticut (the "Project"), has been determined by the Connecticut Clean Energy Fund, Board of Directors (CCEF Board) to be in the furtherance of the CCEF Comprehensive Plan and in the interests of ratepayers, and that funding be approved for the Project in an amount not to exceed \$737,286 (Grant), which includes \$49,286 the present value incentive of the estimated Renewable Energy Credits or Certificates (RECs) to be produced by the Project over its contractual life, but that legal title to the RECs produced by the Project shall remain with the CCEF for the contractual life of the Project;
- (2) that Peter Longo, President and Executive Director of Connecticut Innovations, Inc. (CI), Lise Dondy, Vice President of CI and President of the CCEF, or any other duly authorized officer of CI, is authorized to execute and deliver for, and on behalf of the CCEF, not later than April 30, 2009, any contract or other legal instrument necessary to effect the Grant on terms and conditions as he or she shall deem to be in the interests of the CCEF and ratepayers, in conformance with the wishes of the CCEF Board, and in conformance with Section VI of the operating procedures of the CCEF Board. The authorized officer's approval thereof is hereby authorized to be conclusively evidenced by the execution and delivery of said legal instrument; and
- (3) that the proper CI officers are authorized and empowered to do all other acts and execute and deliver all other documents as they shall deem necessary and desirable to effect the above-mentioned legal instrument.

"Wee Burn Country Club, Darien—PV Project"

Ms. Cifaldi discussed the proposal by ECNY Electric, Incorporated under the On-Site Renewable DG Program for an 85.995 kW_{STC} system to be installed on the roof of the Wee Burn Country Club, 410 Hollow Tree Ridge Road, Darien, Connecticut. The project is a power purchase agreement with a third party energy provider, ECNY Electric, New York. Ms. Cifaldi discussed the specifics of the project as detailed in the Committee materials. She mentioned an energy audit was completed in 2006, and Wee Burn Country Club was able to secure a grant from CL&P to assist with the energy efficiency upgrades. Ms. Cifaldi

reviewed the project participants and financial data for the project. It is anticipated the project will be completed by December 15, 2008.

Upon a motion made by Mr. Hennessey, seconded by Ms. Glover, the Committee members voted unanimously in favor of adopting the following resolution regarding the Wee Burn Country Club PV Project in Darien.

RESOLVED:

- (1) that Wee Burn Country Club, an 85.995 kW_{STC} photovoltaic system to be located at 410 Hollow Tree Ridge Road, Darien, Connecticut (Project), has been determined by the Connecticut Clean Energy Fund, Board of Directors (CCEF Board) to be in the furtherance of the CCEF Comprehensive Plan and in the interests of ratepayers, and that funding be approved for the Project in an amount not to exceed \$346,650 (Grant), which includes \$20,650 the present value incentive of the estimated Renewable Energy Credits or Certificates (RECs) to be produced by the Project over its contractual life, but that legal title to the RECs produced by the Project shall remain with the CCEF for the contractual life of the Project;
- (2) that Peter Longo, President and Executive Director of Connecticut Innovations, Inc. (CI), Lise Dondy, Vice President of CI and President of the CCEF, or any other duly authorized officer of CI, is authorized to execute and deliver for, and on behalf of the CCEF, not later than April 30, 2009, any contract or other legal instrument necessary to effect the Grant on terms and conditions as he or she shall deem to be in the interests of the CCEF and ratepayers, in conformance with the wishes of the CCEF Board, and in conformance with Section VI of the operating procedures of the CCEF Board. The authorized officer's approval thereof is hereby authorized to be conclusively evidenced by the execution and delivery of said legal instrument; and
- (3) that the proper CI officers are authorized and empowered to do all other acts and execute and deliver all other documents as they shall deem necessary and desirable to effect the above-mentioned legal instrument.

There being no objection, the order of the agenda was changed.

“Chestnut Hill BioEnergy Project, Waterbury—Pre-Development Project”

Mr. Ljungquist gave an update on the Chestnut Hill proposal that was presented to the Projects Committee in August 2008 for consideration. The proposal is for funding under the Pre-Development Program for a 9.6 MW biomass generator installation to be located in Waterbury. Mr. Ljungquist mentioned that since the August meeting, the Department of Public Utilities Control (“DPUC”) has qualified the project as a Class I renewable energy source. Additionally, Phase I of the waste report has been completed and verifies the initial estimates of available food wastes within a 50-mile radius of the project site. The Committee members had a lengthy discussion about the supply of separated food waste proposed for the project as well as transportation costs. Discussion ensued on the different phases of the project and the milestones, including a more detailed study. It was noted that if the project does not move forward, CCEF will own the study.

Recommendation was made to limit the funding from CCEF to the payment of the Phase I study only and to require that the developer obtain letters of intent, commitment letters, or contracts for a minimum of 50% of the total food waste requirement for the project and, to verify the inbound feedstock transportation costs used in the project economics by obtaining quotes from waste haulers. Additional funding from the CCEF is contingent upon CCEF staff confirming demonstration of above requirements.

Upon a motion made by Mr. Olsen, seconded by Mr. Hennessey, the Committee members voted unanimously in favor of adopting the following resolution for Chestnut Hill BioEnergy, Waterbury based on the milestones being met as identified in the August 14, 2008 memorandum with revisions as discussed and Mr. Peters satisfactorily reviewing the loan agreement prior to execution:

RESOLVED:

- (1) that Chestnut Hill BioEnergy, a 9.6 MW biomass generator installation to be located in Waterbury, Connecticut (Project), has been determined by the Connecticut Clean Energy Fund, Board of Directors (CCEF Board) to be in the furtherance of the CCEF Comprehensive Plan and in the interests of ratepayers, and that a grant under the terms of the Pre-Development Program be approved to fund said Project in an amount not to exceed \$500,000;
- (2) that Peter Longo, President and Executive Director of Connecticut Innovations, Inc. (CI), Lise Dondy, Vice President of CI and President of the CCEF, or any other duly authorized officer of CI, is authorized to

execute and deliver for, and on behalf of the CCEF, not later than April 30, 2009, any contract or other legal instrument necessary to effect the Grant on terms and conditions as he or she shall deem to be in the interests of the CCEF and ratepayers, in conformance with the wishes of the CCEF Board, and in conformance with Section VI of the operating procedures of the CCEF Board. The authorized officer's approval thereof is hereby authorized to be conclusively evidenced by the execution and delivery of said legal instrument; and

- (3) that the proper CI officers are authorized and empowered to do all other acts and execute and deliver all other documents as they shall deem necessary and desirable to effect the above-mentioned legal instrument.

“Middletown Landfill Gas to Energy, Middletown—Pre-Development Loan”

Mr. Hedman discussed the proposal by Endurant Energy in Middletown. The proposal is to provide predevelopment funding for Endurant Energy to collect landfill gas from the North End Peninsula Landfill in Middletown and to explore the possibility of constructing a landfill energy power plant to generate electricity for the Connecticut wholesale market. It was noted that waste was being accepted at the landfill beginning in 1976, and the landfill was closed and capped in 1991. Mr. Hedman discussed the specifics of the project

Discussion ensued about models for the size, operation, fill, and projected decline of landfill gas. Suggestion was made to obtain a geological study to determine the amount of fill, the fill history, condition of the cap and liner, and potential landfill gas at the site.

Upon a motion made by Mr. Olsen, seconded by Mr. Hennessey, the Committee members voted unanimously in favor of tabling further discussion on the Middletown Landfill Predevelopment proposal until further information is obtained.

4. Other Business:

“On-Site Distributed Generation Incentive Levels”

Ms. Dondy discussed preliminary proposed changes to the incentive levels and rebates for the residential portion of the On-site Distributed Generation Program. She noted that staff is still working on the proposed changes for consideration by the Board at the October 26, 2008 meeting.

“Moody Elementary School, Middletown—PV Project”

Mr. Ljungquist stated that the Projects Committee in July 2008 reviewed the proposal by the Middletown Public School system for an 80.5 kW_{STC} photovoltaic system to be installed on the roof of the Moody Elementary School in Middletown. As a result of concerns expressed with the high costs for the project, the proposal was tabled. Mr. Ljungquist stated that staff has had discussions with the parties involved, and the costs have been reduced to an acceptable range. He noted that the changes do not result in any changes to the incentive for the proposal, and staff recommends the approval of the proposal that was presented to the Committee in July, 2008.

Upon a motion made by Mr. Olsen, seconded by Mr. Maddox, the Committee members voted unanimously in favor of adopting the following resolution regarding the Moody Elementary School, Middletown, PV Project.

RESOLVED:

- (1) that the Moody Elementary School, Middletown, an 80.5 kW_{STC} photovoltaic system to be located at the Moody Elementary School in Middletown, Connecticut (Project), has been determined by the Connecticut Clean Energy Fund, Board of Directors (CCEF Board) to be in the furtherance of the CCEF Comprehensive Plan and in the interests of ratepayers, and that funding be approved for the Project in an amount not to exceed \$355,326 (Grant), which includes \$19,971 for the present value of the estimated Renewable Energy Credits or Certificates (RECs) to be produced by the Project over its contractual life, and that legal title to the RECs produced by the Project shall remain with the CCEF for the contractual life of the Project;
- (2) that Peter Longo, President and Executive Director of Connecticut Innovations, Inc. (CI), Lise Dondy, Vice President of CI and President of the CCEF, or any other duly authorized officer of CI, is authorized to execute and deliver for, and on behalf of the CCEF, not later than April 30, 2009, any contract or other legal instrument necessary to effect the Grant on terms and conditions as he or she shall deem to be in the interests of the CCEF and ratepayers, in conformance with the wishes of the CCEF Board, and in conformance with Section VI of the operating procedures of the CCEF Board. The authorized officer's approval thereof is hereby authorized to be conclusively evidenced by the execution and delivery of said legal instrument; and
- (3) that the proper CI officers are authorized and empowered to do all other acts and execute and deliver all other documents as they shall deem necessary and desirable to effect the above-mentioned legal instrument.

"Naugatuck School Proposed PV Project"

Mr. Ljungquist gave an update on the application for the Naugatuck School PV project.

5. **Adjournment:**

Upon a motion made by Ms. Glover, seconded by Mr. Hennessey, the Projects Committee voted unanimously in favor of adjourning the October 16, 2008 meeting at 12:07 p.m.

Respectfully submitted,

Jerry Peters, Chairman of the
Committee