

# Connecticut Clean Energy Fund

The Connecticut Clean Energy Fund (CCEF), which began operations in 2000, was created by the state legislature and is charged with developing, investing in, and promoting clean, sustainable energy sources. The CCEF invests in enterprises and projects through initiatives aimed at:

- Creating a diverse and growing supply of clean energy in Connecticut;
- Accelerating the development of clean energy technologies in Connecticut;
- Educating Connecticut consumers about the benefits and availability of clean energy.

The fund is administered by Connecticut Innovations, a quasi-public organization, and is funded by a surcharge on electric utility bills. As of December 31, 2009, CCEF's funded projects and commitments were in excess of \$180 million.

CCEF programs are available to businesses, municipalities, nonprofits, other institutions, and residents.

CCEF programs that create a diverse supply of installed clean energy resources:

- Affordable Housing Initiative (NEW)
- CT Solar Lease Program (NEW)
- Geothermal Heat Pump Incentive Program (NEW)
- On-Site Renewable Distributed Generation Program
- Pre-Development Loan Program



## **Kroon Hall, Yale School of Forestry & Environmental Studies, New Haven**

A 107.9 kilowatt (kW) solar photovoltaic (PV) array was installed on the rooftop of this new, ultra-green building with financial assistance from CCEF. Yale's most sustainable building to date, Kroon Hall has recently received LEED platinum rating and will serve as an instructional model of sustainable design.

***"CESA and its members provide valuable information regarding the clean energy industry. That information has enabled CCEF to craft an effective and expanding set of initiatives, based on national best practices, to move the industry forward in Connecticut."***

**Lise Dondy**, President

- Project 150
- Residential and Small System Program
- Solar Thermal Incentive Program (NEW)

CCEF programs that foster the growth, development and commercialization of early stage clean energy technologies:

- Fuel Cell Monitoring Program (NEW)
- Operational Demonstration Program
- Small Wind Demonstration Program (NEW)



## **Lise Dondy**

President, CCEF  
Vice President,  
Connecticut Innovations

## **Connecticut Clean Energy Fund**

200 Corporate Place, 3rd Floor  
Rocky Hill, CT 06067

PHONE 860-563-0015

EMAIL [info@ctcleanenergy.com](mailto:info@ctcleanenergy.com)

WEB [www.ctcleanenergy.com](http://www.ctcleanenergy.com)



## HIGHLIGHTS

CCEF programs that stimulate demand for clean renewable energy by increasing consumer awareness:

- 20% by 2010 Campaign
- Community Innovations Grants Program
- Connecticut Clean Energy Communities Program
- CTCleanEnergyOptions<sup>SM</sup> Program
- High Performance Schools Program (NEW)
- Learning for Clean Energy Innovation (NEW)



### Connecticut Science Center, Hartford

Installed in 2009 with financial assistance from CCEF, this 200 kW fuel cell at the new Connecticut Science Center generates almost 100% of the electricity used at the science center and, with its educational graphics and data links, is itself a working exhibit.



### A.I. Prince Technical High School, Hartford

A teacher at A. I. Prince Technical High School (far left) works with two students on a solar energy education module provided through CCEF's Learning for Clean Energy Innovation program.

As of December 2009, **CCEF HAD SUPPORTED OVER 1,550 CLEAN ENERGY INSTALLATIONS AND DEMONSTRATIONS** statewide, including 1,528 solar PV systems, 16 fuel cells, 4 biomass systems, and an assortment of other clean energy systems.

**CCEF GENERATED SUBSTANTIAL MARKET INTEREST IN THE INNOVATIVE CT SOLAR LEASE PROGRAM** with approximately 450 solar leases signed for low- and moderate-income households. The program was launched in 3Q 2008 to address the barrier of high initial capital costs associated with solar photovoltaic installations. CCEF expects to have fully committed the program's resources by 1Q 2010. This is the first program in the nation to have a ratepayer-funded organization (CCEF) partner with financial institutions to leverage federal tax credits in order to make renewable energy more affordable.

**CCEF COMPLETED THE SECOND AND THIRD ROUNDS OF PROJECT 150** recommending 136.5 MW of large renewable projects to the utilities for long-term power purchase agreements. With these competitive rounds of project reviews, CCEF achieved its goal of recommending 150 MW of projects to the utilities; a total of 151 MW of projects were recommended in rounds 1-3.

**CCEF'S COMMUNITIES PROGRAM CONTINUED TO GROW IN POPULARITY** with an additional 60 Connecticut cities and towns committing to purchase 20 percent clean energy by the year 2010. As of December 2009, a total of 94 Connecticut municipalities, representing over half of Connecticut's 169 municipalities, had made this commitment. Additionally, CCEF successfully integrated an energy efficiency requirement into its Connecticut Clean Energy Communities Program, inspiring 41 Connecticut municipalities to sign up for the EPA Community Energy Challenge.

**CCEF LAUNCHED A STATEWIDE TEACHER/WORKFORCE TRAINING INITIATIVE.** CCEF's Learning for Clean Energy Innovation program provides teachers with professional development sessions, curricula, and classroom tool kits on solar and wind energy technologies—to help them educate Connecticut's emerging workforce about clean energy. As of 4Q 2009, CCEF had provided teacher training for 180 teachers and supplied 75 schools with clean energy tool kits.

**CCEF RECEIVED CESA'S 2009 STATE LEADERSHIP IN CLEAN ENERGY AWARD.** This national award from the Clean Energy States Alliance recognized the success of CCEF's Connecticut Clean Energy Communities Program in encouraging communities and individuals to purchase clean energy.