



Connecticut Clean Energy Fund

Investing In The Power of ~~Tomorrow~~
Today!

SIPRAC Meeting February 10, 2005

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Connecticut Clean Energy Fund

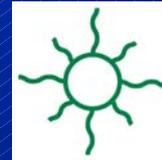


- **CCEF Commenced operating 2000**
- – promote the development and commercialization of clean energy technologies, and
 - stimulate the growth of clean energy electricity markets
- **Financed by a surcharge on electric bills**
- Administered by **Connecticut Innovations**

Clean Energy Technologies



Biomass



Solar



Fuel Cells



Wave



Landfill Gas



Wind

STRATEGIC GOALS

- 1. Create a diverse supply of clean energy**
- 2. Support early stage clean energy technology investment – companies / industry**
- 3. Creating public awareness / stimulate use of clean energy**

Biomass Program



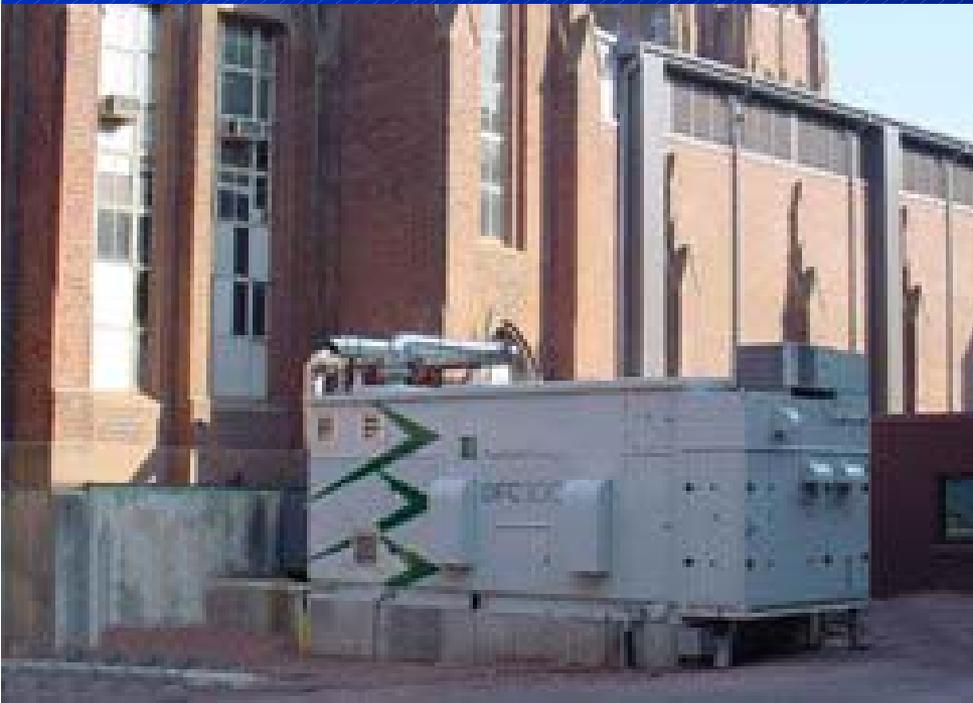
Tallon Lumber
North Canaan



Fuel Cell Program

South Windsor High School Fuel Cell

Yale Peabody Museum



Fuel Cells

New Haven Water Pollution Control



St. Francis Hospital Hartford



Fuel Cells

UCONN Global Fuel Cell Center



Fuel Cell Investment Summit



Solar Photovoltaics

CT Transit Facility
Hartford



Solar Photovoltaics

**Katrina Mygatt
Recycling Center
Stamford**



Solar Photovoltaics



Salmon Brook

Ecology Center, Granby

Solar Photovoltaics

Rountree Residence,
Westport

Power during Blackout

Friedman Residence, Canton



Residential Solar Photovoltaics

Winsted

Avon
Avon

West Granby

Bloomfield

Dayville

Middletown

Mansfield Ctr

Ridgefield

Middletown

Westport

Milford

Durham

Guilford

Wind



Hoosac Mountain 30 MW Wind Farm





Wave

Energetech



Programs

Residential Solar

Rebate Program - \$2,000,000



- Up to \$25,000 per household
 - \$5,000 per kilowatt (up to 5kW of PV system)
 - Systems must be grid tied
 - Reduced electricity costs after system payback
 - “Net-metering”

Programs



- ***Clean Energy Communities***

- New Haven, Portland, Milford, West Hartford, Fairfield
- “Free” clean energy (solar) systems for Connecticut cities and towns
- To Qualify
 - COMMIT to 20% by 2010 campaign
 - Sign ups for Clean Energy Choice Option
 - Commit energy savings to clean energy purchase

Programs

Commercial Solar PV Program



Programs

Commercial Solar PV Program \$12,000,000

- **Constrained areas**
- **High value applications**
- **Visibility and public awareness**
- **\$5,000 per kilowatt**
- **Apply at any time**
- **No maximum size**

Programs

Project 100

- **Landmark Connecticut Legislation**
- **increase the available supply of renewable energy.**
- **\$500 million of potential economic impact to communities**

The Future of Clean Energy

CCEF Projected Investments – 2005 / 2006

Supply	\$17.5 million
Technology development	\$17.5 million
Market creation	\$8.7 million
Other	\$4.0 million
Total	\$47.7 million

Clean Energy Resources

- ***Solar PV Workshops***
- ***Regional Business Forums***
- ***Clean Energy Summit***
- ***Clean Energy Trail***
- ***Libraries – CPTV's Energy Videos***
- ***SmartPower 20% by 2010***
- ***Fuel Cell Summit***

Final Thoughts

Clean Energy Works In Connecticut



CLEAN ENERGY. LET'S MAKE MORE.

IT'S REAL, IT'S HERE, IT'S WORKING



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