

The Impact of Federal Funds in Connecticut

Through our partnership with the Department of Energy & Environmental Protection, Connecticut Green Bank deployed \$8.25 million of American Recovery and Reinvestment Act of 2009 (ARRA) funds to create more than \$198.4 million of investments into residential clean energy projects. (All data as of 12-31-2022)



Economic Development

The Green Bank turned \$8.25 million of federal funds

\$8.25 million → \$198.4 million

into **\$198.4 million in investments**

\$16.5M Green Bank investment

\$181.9M private investment

\$8.25M ARRA Funds



The Green Bank supported the creation of **2,489 job-years of employment** through the use of ARRA funds.



Environment

ARRA funds helped to avoid **602,896 tons of CO₂**, which is equal to:

9.0 million tree seedlings grown for 10 years

removing 118,948 passenger cars from the road for one year



Equity

40% of investments

52% of projects

were made in **vulnerable communities**

\$20.0–45.3M of lifetime public health value created

10,453 families supported

The Green Bank targets 40% of investment and benefits into vulnerable communities



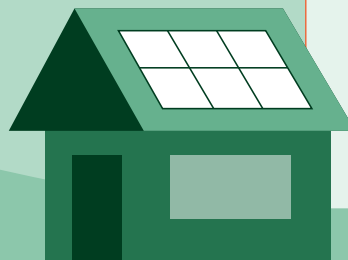
Energy

The use of ARRA funds supported

- Deployment of over **24 megawatts of clean energy**
- **Lifetime savings of over 3.7 million MMBTUs** through energy efficiency projects, including:

- Solar panel installation
- Insulation upgrades
- Heating and cooling system upgrades

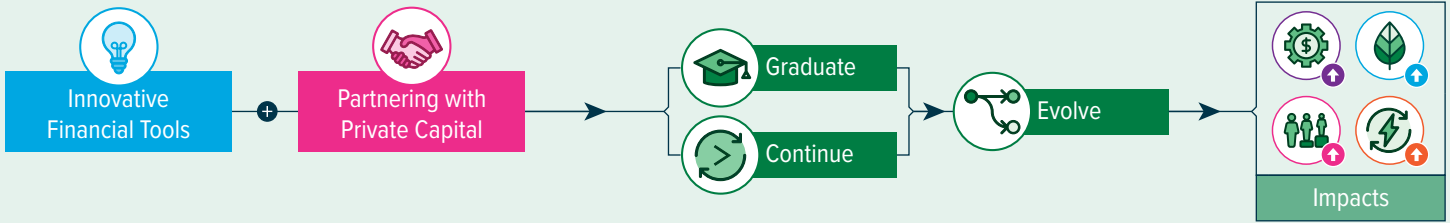
\$148M in lifetime energy savings generated



Financing Programs with Federal Funds



The Green Bank's ARRA funded programs combined innovative financial tools and partnering with private capital to create programs that **promote clean energy, economic growth, a healthier environment, and greater equity** in Connecticut.



Program models, proved successful through the deployment of ARRA funds, evolved to focus on additional markets and larger investment beyond the Green Bank.

CT SOLAR LEASE	<p>Allowed homeowners to access the benefits of solar through a lease option.</p> <ul style="list-style-type: none"> Leveraged \$3.5M in ARRA funds as a lease loss reserve and \$7.1M in Green Bank Subordinated Debt and Sponsor Equity. Raised \$15.0M of tax equity investment and \$16.9 million of senior debt through a syndicate of local lenders. 	<ul style="list-style-type: none"> The success of this model led to the creation of "Solar For All": a program based on the model that focused on providing residential solar to low-to-moderate income (LMI) families and communities of color — helping Connecticut achieve 41% deployment in LMI communities
CT SOLAR LOAN	<p>Enabled homeowners of varying financial means to own their systems at affordable rates without a lien.</p> <ul style="list-style-type: none"> Used \$517,000 in ARRA funds for a loan loss reserve (LLR) to allow for the creation of the first-ever crowd-sourced portfolio of solar loans. Partnered with Sungage Financial and The Reinvestment Fund to generate \$8.3M in lifetime savings. 	<p>A loan loss reserve is a pool of money set aside to cover a prespecified amount of loan losses, providing partial risk coverage to lenders.</p> <ul style="list-style-type: none"> After this model proved successful, the program expanded to include new partners and a \$100 million pool of capital, without any resources from the Green Bank.
SMART-E LOAN	<p>Offers flexible financing for upgrades to home energy performance.</p> <ul style="list-style-type: none"> ARRA funds used as LLR and interest rate buydowns (IRB) to offer homeowners low-interest financing to improve their home's energy performance. Provided in partnership with 13 local community banks and credit unions, 500+ contractors, and 6,942 families for \$129.5 million in total investment. 	<ul style="list-style-type: none"> Originally focused on clean energy, this program is expanding to support environmental infrastructure. The program is transitioning from ARRA supported LLR to LLR on the Green Bank's balance sheet using IRBs from ARRA funds. <p>An interest rate buydown is when capital is deployed to pay a portion of the interest on borrowers' loans to decrease their costs.</p>
LOW INCOME MULTI-FAMILY ENERGY (LIME) LOAN	<p>Unsecured low interest loans serving properties where at least 60% of units serve renters at 80% or lower of Area Median Income.</p> <ul style="list-style-type: none"> ARRA funds used as LLR and projected energy savings are used to cover the debt service of the loan. Offered through a partnership with Capital For Change (C4C), a community development financial institution (CDFI) that provides financial products and services that support an inclusive and sustainable economy. 	<ul style="list-style-type: none"> Using \$391,397 in ARRA funds as LLR, LIME projects have a combined lifetime energy cost savings of over \$17.6M.