Innovative Avenues to Public Participation in Clean Energy Development, featuring Connecticut and Washington

November 9, 2022
Webinar Logistics

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The 2022 State Leadership in Clean Energy Award Winners
2022 State Leadership in Clean Energy Awards

- California Energy Commission’s 2022 Building Energy Efficiency Standards
- Connecticut Green Bank’s Green Liberty Bonds
- Maryland Energy Administration’s Resilient Maryland / Resiliency Hubs Grant Program
- New York State Energy Research and Development Authority (NYSERDA) and New York State Homes and Community Renewal’s Clean Energy Initiative
- Oregon Department of Energy’s Oregon Solar+Storage Rebate Program

Webinar Panelists

Glenn Blackmon
Manager of the Energy Policy Office, Washington Department of Commerce

Austin Scharff
Energy Policy Specialist, Washington State Department of Commerce

Bert Hunter
Executive Vice President and Chief Investment Officer, CT Green Bank

Vero Bourg-Meyer
Project Director, Clean Energy States Alliance (moderator)
2021 Washington State Energy Strategy
We strengthen communities

HOUSING
HOMELESSNESS

INFRASTRUCTURE

BUSINESS ASSISTANCE

ENERGY

PLANNING

COMMUNITY FACILITIES

CRIME VICTIMS & PUBLIC SAFETY

COMMUNITY SERVICES
Achieving Decarbonization
Washington: the road to 2050
Specific Directives in 2019 Legislation

- Align strategy with existing clean electricity laws
  - Clean Energy Transformation Act (SB 5611, 2019)
    - After 2025, no coal in resource mix
    - By 2030, greenhouse neutral electricity supply
    - By 2045, 100% renewable or non-emitting sources

- Align strategy with greenhouse gas emissions reductions limits
Meeting State Emissions Reduction Limits

State GHG Emissions Reduction Targets

- Return to 1990 levels (8.5% below 2018)
- 45% below 1990 levels
- 70% below 1990 levels
- Net zero and 95% below 1990 levels
Legislative Direction – con’t

• Maintaining reasonable and fair **prices** and sufficient **supply** of energy

• Promoting a competitive clean energy **economy** and **workforce** development

• Understanding and addressing the needs of **low-income and vulnerable populations**

• Reaching and responding to both **urban and rural communities**
27-Member Advisory Committee

- Legislators
- Government
  - Utilities commission
  - Siting council
  - NW Power Council
  - Cities
  - Counties
- Energy Providers
  - Private utilities
  - Municipal utilities
  - Public utility districts
  - Natural gas distributors
  - Natural gas pipelines
  - Rural electric co-ops
  - Petroleum suppliers
  - Independent power
  - Clean energy industry
- Energy Consumers
  - Industrial
  - Commercial
  - Agricultural
- Stakeholders
  - Tribes
  - Labor
  - Civic organizations
  - Vulnerable populations
  - Environment (2)
Ensure Equitable Transition for Communities

- Apply explicit equity principles
- Ensure impacted communities design solutions
- Invest in equitable and inclusive transition
- Support workers in transition
- Universal broadband access as foundation for transition

Source: Washington State Department of Commerce
WASHINGTON STATE 2050

Net-Zero Vision

A blueprint for how we can meet our state’s climate goals to nearly eliminate the use of climate-threatening fossil fuels by 2050, while growing a prosperous economy and maintaining affordable and reliable energy supplies.
Energy Strategy Approach
State Energy Strategy Development

Meta-Analysis

National and Washington State-specific context

AC input; external interviews; policy research and analysis

Technical Advisory Process

Energy Modeling

Results of six scenarios give directional input

Economic impact of policies/actions

Economic Modeling

State Energy Strategy
Deep Decarbonization Pathways Modeling

- **Sponsor:** WA Department of Commerce
- **Firm:** Evolved Energy
- **Model:** EnergyPATHWAYS, RIO
- **Target:** 45% by 2030, 95% by 2050
- **Purpose:** Meet statutory GHG reduction limits, guide state energy strategy
- **Scenarios:**
  - Electrification
  - Gas in Buildings
  - Transport Fuels
  - Constrained Resources
  - Behavior Change
Final Energy Demand 2020-2050

COVID-19: 10% drop in demand in 2020 due to COVID impact

Electrification: 90% growth in electricity sector over 2020 levels, displacing fuels

Transport Fuels: Demand for fuels remains in 2050

Buildings: Higher demand for gas due to less electrification

Behavior: Fewer energy services drive demand lower

Five Decarbonization Strategies

**Energy Efficiency**
Energy Consumption (Gigajoules/person)

**Clean Electricity**
Electricity Carbon Intensity (Grams CO₂ per kWh)

**Electrification**
Electricity Share of Total Energy (% of Final Energy)

**Clean Fuels**
Fuels Carbon Intensity (kG/MMBtu)

**Carbon Sequestration**
(Million tonnes CO₂)
Cost Impacts and Economic Effects

Average Annual Energy Expenditure (%GDP/yr)

<table>
<thead>
<tr>
<th>Year</th>
<th>Electrification</th>
<th>Transport Fuels</th>
<th>Gas in Buildings</th>
<th>Constrained Resources</th>
<th>Behavior Change</th>
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<tbody>
<tr>
<td>2019</td>
<td></td>
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<td>2050</td>
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</table>

Change in Labor Income, Compared to Reference Case

- Electrification
- Transport Fuels
- Gas in Buildings
- Behavior Change
- Constrained Resources

WASHINGTON STATE DEPARTMENT OF COMMERCE
Key Recommendations
2021 Strategy – Big Themes

• Need for planning, data analysis and outreach
• Role of investment in equitable and inclusive transition
• Universal broadband access as a foundation for energy transition
• Transition of the fossil natural gas industry
• Value of comprehensive pricing mechanisms
• Role of research, development and early deployment
• Development of green hydrogen and clean fuels
100% Clean Electricity, Smart Grid Power Transition

- Enhance reliability and resource adequacy of the electricity grid
- Accelerate new renewables and transmission expansion
- Deploy flexible solutions and smart grid technology to manage load
- Develop market mechanisms for clean power
- Ensure effective implementation of the Clean Energy Transformation Act
Decarbonizing the Electricity Sector

- Doubling of 2020 end use electricity load by 2050, plus additional flexible load from electrolysis and boilers
  - Growth in electricity sector displaces fuels by 2050

- Larger integrated electricity system in West
  - Regional coordination key to decarbonization

- All coal-fired electricity from state portfolios eliminated by 2025
  - Carbon-neutral electricity by 2030

- Gas capacity added for reliability
  - Used only for rare reliability events
Efficient, Equitable Mobility & Clean Fuels

• Move people and goods more efficiently and equitably
• Reduce the need for travel
• Improve fuel economy for all vehicles, planes, ships
• Shift to clean fuels and electrify where possible
• Enact a low-carbon fuel standard
Decarbonizing the Transportation Sector

- Transportation electrification key to cost-effectively decarbonizing Washington economy
  ✓ Dramatically reduces use of diesel and gasoline

- Gasoline, diesel, jet fuel significantly decarbonized by 2030
  ✓ Synthetic fuels and biofuels

- Peak in clean fuel demand in 2030 due to large number of ICEs still on the road

- Heavy-duty trucking drives demand for hydrogen fuel cells

**Percentage of LDVs and HDVs powered by clean fuels**

<table>
<thead>
<tr>
<th></th>
<th>LDV % electric</th>
<th>HDV % electric</th>
<th>HDV % hydrogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>2030</td>
<td>24%</td>
<td>4%</td>
<td>0%</td>
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<tr>
<td>2050</td>
<td>99%</td>
<td>67%</td>
<td>21%</td>
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</tbody>
</table>

**GHG Emission Reductions**

- LDV: light duty vehicle; HDV: heavy duty vehicle
Clean Electricity Fueling High-Efficiency Buildings

• Shift from fossil fuels to electricity to power commercial and residential buildings
• Accelerate the path to zero-energy buildings
• Weatherize and retrofit existing building stock
• Reform existing programs, codes, and standards
Clean Buildings

**ENERGY EFFICIENCY**
reduces building energy load by 26% in 2050

84%
less pipeline gas used for residential heating in 2050

64%
electric water heating in **2030**

100%
electric water heating in **2050**

64%
electric space heating in **2030**

82%
electric space heating in **2050**
Industrial Sector Recommendations

- Develop and implement clean energy industrial policy
- Accelerate research and development
- Develop a clean energy workforce
- Produce clean fuels and hydrogen
- Improve data and analytical capabilities
Moving Forward
Turning the strategy into policy

- Passage of significant legislation and regulator reforms
  - Comprehensive environmental justice statute - Healthy Environment for All (HEAL) Act (2021)
  - Economy wide cap-and-invest program – The Climate Commitment Act (2021)
  - Clean fuel standard (2021)
  - Multi-Year Rate Reform and Energy Assistance Statute (2021)
  - Transportation planning laws (2021-22)
  - Extension of Clean Buildings Performance Standard (2022)
  - Rollback of natural gas line-extension subsidies (2022)
  - Hydrogen legislation (2022)
Learn more on our **2021 State Energy Strategy webpage**

Appendices
- Appendix B: Data Accompanying Deep Modeling Technical Report (.excel)

Additional Resources
- Washington State Energy Strategy Advisory Committee report (.pdf)
- Key Actions Summary (.pdf)
Thank you!

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CESA
State Leadership in Clean Energy Awards

Green Liberty Bonds

November 9, 2022
Introduction

Green Bank Overview

Investment Solutions

- Green Liberty Bonds
- Green Liberty Notes
Our mission is to confront climate change by increasing and accelerating investment into Connecticut’s green economy to create more resilient, healthier, and equitable communities.

Guiding this mission is our vision for “...a planet protected by the love of humanity.”

Connecticut Green Bank is the nation’s first green bank. Established in 2011 as a quasi-public agency, the Green Bank uses limited public dollars to attract private capital investment and offers green solutions that help people, businesses and all of Connecticut thrive.
About Us

**Quasi-public organization** – broad enabling statute and powers set forth in Conn. General Statute 16-245n

**Focus** – Finance **clean energy** (e.g., renewable energy, energy efficiency, and alternative fuel vehicles and infrastructure) and **environmental infrastructure** (e.g., land conservation, parks and recreation, carbon offsets, ecosystem services, water) by leveraging public capital with multiples of private capital

**Support** – from a variety of sources, including:

**State Support** – $0.001/kWh surcharge (i.e., Clean Energy Fund) on electric ratepayer bills (about $7-$10 per household per year ≈ $25 MM per year) and RGGI allowance proceeds about $5 MM per year (renewable energy)

**Federal Support** – competitive solicitations (e.g., SunShot), non-competitive resources (e.g., ARRA-SEP, USDA, etc.), and maybe a National Climate Bank

**Other Support** – issue “green bonds,” interest income, private capital (e.g., impact investors), and foundations (e.g., PRI’s)
Comprehensive Plan – Green Bonds US
The Green Bank is helping Connecticut flourish by offering green solutions for homes and buildings and by creating innovative ways to invest in the green energy economy.

**home solutions**
Empowering all Connecticut families and households with accessible and affordable green solutions that bring them comfort and security. Find incentives for battery storage or use the Green Bank’s flexible financing to reduce costs with health and safety improvements and the newest energy efficient technologies.

**building solutions**
Creating stronger, more resilient buildings with green solutions for all types of buildings – from businesses and nonprofits to multifamily housing. Leverage Green Bank financing to go solar or retrofit your building with efficiency and resiliency measures, while saving money and realizing the benefits of more modern, sustainable buildings.

**investment solutions**
Securing a healthier planet with smart ways for individuals and businesses to invest in green solutions – and our future – while also earning a return. Energize the green economy by investing in it today. Buy a Green Liberty Bond, invest through a crowdfunding offering, or join the movement by finding other ways to invest.

**community solutions**
Helping Connecticut thrive and creating stronger towns and cities by offering green solutions for all. From solutions for local and state government properties, to providing support for community leaders in outreach to local businesses and community members – especially the most vulnerable – helping them to access green energy and achieve a more prosperous future.

**our solutions**

**our goals**
Leverage limited public resources to scale-up and mobilize private capital investment in the green economy of Connecticut.

Strengthen Connecticut’s communities, especially vulnerable communities, by making the benefits of the green economy inclusive and accessible to all individuals, families, and businesses.

Pursue investment strategies that advance market transformation in green investing while supporting the organization’s financial sustainability goals.
investment solutions
To strengthen Connecticut’s communities, especially vulnerable communities, by making the benefits of the green economy inclusive and accessible to all individuals, families, and businesses.
A Steady Progression of Securitization

- C-PACE
  - 2013/2014
  - CGB Balance Sheet Warehouse

- Federal Subsidy Bonds
  - QECBs 2015
    - Solar PV
    - Social Housing
  - CREBs 2016
    - Hydroelectric
  - CREBs 2017
    - Solar PV
    - State Colleges

- Mosaic
  - 2014
  - Solar Loans

- SHREC Warehouse
  - 2018
  - 2019
  - 2020
  - 2021

- SHREC Bonds
  - SHREC ABS 2019
  - SHREC GLB1 2020
  - SHREC GLB2 2021
  - SHREC GLB3 2023

$200 Million in Bonds & Warehouse Facilities
Green Liberty Bonds
http://www.greenlibertybonds.com/

Welcome to Our Investor Relations Site

We appreciate your interest in Connecticut Green Bank's Green Liberty Bonds, which will support critical investment in clean energy and energy efficiency projects and infrastructure throughout the State.

Our 2020 issuance of Green Liberty Bonds was a success, selling out of nearly $17 million of bonds, with priority given to retail investors. These bonds helped the Connecticut Green Bank energize the green economy and confront climate change to provide all of society a healthier and more prosperous future. Through our Green Liberty Bonds, we are empowering more people to support our transition to a zero carbon economy – creating the sustainable future and modern infrastructure we want to see in our society.
Those of us involved in the clean tech industry are well aware that financing is a key component of growing clean tech adoption. Despite a rise in Environmental, Social and Governance (ESG) investing, the financial services industry still has a lot of work to do to assist in the global effort against climate change. As with all things, this brings both social responsibility and business opportunity.

Here are some examples of companies leading the charge:

**Connecticut Green Bank**

While not a utility, the Connecticut Green Bank completed an issuance of $38mm for Connecticut’s Residential Solar Investment Program (RSIP) in May. RSIP provides homeowners with a rebate of $0.46 cents per watt of solar installed in order to help offset the costs of installing residential solar power.
REFERENCES
Research conducted by GreatBlue Research on behalf of the Connecticut Green Bank. Two targeted audiences were reached – households that have installed residential solar PV in CT and general population of CT (i.e., households that haven’t participated in a Connecticut Green Bank Program).
Citizen Engagement Research
Equitable Access to Green Bond Investment

REFERENCES
Research conducted by GreatBlue Research on behalf of the Connecticut Green Bank. Two targeted audiences were reached – households that have installed residential solar PV in CT and general population of CT (i.e., households that haven’t participated in a Connecticut Green Bank Program).
Green Liberty Bonds
Three Features of the Green Bond

- **Retail Accessible** – bonds available to purchase by *everyday citizens* (vs. institutional investors only) in lower denominations (i.e. $1,000)

- **Use of Proceeds** – use of proceeds from the bond are invested to *combat climate change* (i.e., support Paris Agreement with mitigation and adaptation projects) and create jobs in our communities

- **Certified and Verified** – independently certified (e.g., Climate Bonds Initiative, Green Bond Principles, etc.) and verified as a climate bond or green bond for *consumer protection*
Green Liberty Bonds
Celebrating Earth Day
Connecticut Green Bank
Green Certification

- The Green Bank has implemented a Programmatic Green Bond Framework for its Green Liberty Bonds
- The Green Bank works with Kestrel Verifiers to ensure that the Green Liberty Bonds meet the Climate Bonds Initiative (CBI)’s standard for Solar
- Kestrel published a Second Party Opinion confirming that the Framework met the ICMA’s Green Bond Principles and the Climate Bonds Standard
- The Green Bank and Kestrel will report annually on the impact of the projects that are associated with this bond
What are the details of our 2021 Green Liberty Bond offering?
Incentive Business
RSIP and SHREC

A SOLAR HOME PRODUCES...

When panels produce electricity for a home, they also produce **Solar Home Renewable Energy Credits (SHRECs)**. The Green Bank provides incentives through RSIP and collects all the SHRECs produced per statute (i.e., PA 15-194).

Utilities required to enter into 15-year Master Purchase Agreement (MPA) with the Green Bank to purchase the stream of SHRECs produced. This helps utilities comply with their clean energy goals (i.e., Class I RPS).

Green bonds are created from the SHREC revenues received through the MPA and sold to institutional (i.e., pension funds, insurance companies, etc.) and retail investors (i.e., friends and family) to receive proceeds upfront.

The Green Bank uses the SHREC revenues and green bond proceeds to support the RSIP incentives (i.e., PBI and EPBB), cover admin costs, and financing costs to achieve 350 MW of solar PV deployment by 2022 and development of local solar PV industry.
## Summary Attributes

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Value</th>
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<tbody>
<tr>
<td>Number of PV Systems</td>
<td>6,929</td>
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<tr>
<td>Aggregate PV System Size (kW-DC)</td>
<td>59,121</td>
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<td>Average PV System Size (kW-DC)</td>
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<td>Range of PV System Size (kW-DC)</td>
<td>0.6 to 47.1</td>
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<tr>
<td>Average Utility Interconnection Approval Date</td>
<td>12/12/2018</td>
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<tr>
<td>Average Panel Age - Months since Utility Interconnection Approval</td>
<td>27.0</td>
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<tr>
<td>Third Party Owned (%)</td>
<td>82%</td>
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<td>Homeowner Owned (%)</td>
<td>18%</td>
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<td>Median FICO</td>
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<td>Range of Non-Zero Credit Score</td>
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<td>Eversource Energy Grid Connection (%)</td>
<td>66%</td>
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<tr>
<td>United Illuminating Grid Connection (%)</td>
<td>34%</td>
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</table>

1. As of March 1, 2021.
2. This number diverges from the total number of SHREC Projects initiated under the Master Purchase Agreements due to cancelled/decommissioned SHREC Projects.
The Green Bank offers incentives to homeowners and third-party owners to install solar PV systems. In exchange for its incentives, the Green Bank receives all rights and title to the Class I RECs generated from the systems (Solar Home Renewable Energy Credits = SHRECs). A REC is equal to 1 MWh of energy.

Under Master Purchase Agreements (“MPAs”) between the Green Bank and Connecticut’s two Investor-Owned Utilities (The Connecticut Light and Power Company, d/b/a Eversource Energy, and United Illuminating, collectively the “Utilities”), the Green Bank aggregates SHRECs generated from solar PV systems participating in its Residential Solar Incentive Program (“RSIP”) into tranches, and sells those SHREC tranches to the Utilities at a predetermined price over a 15 year tranche lifetime. Eversource Energy is rated A/A3 (S&P/Moody’s) and United Illuminating is rated A-/Baa1 (S&P/Moody’s).

The SHRECs supporting this bond issuance (Tranche 4) will be generated from 6,929 PV Systems with a SHREC Purchase Price of $47 per SHREC (projected Net SHREC Revenues ~$35 million over life of bonds). Collection of Tranche 4’s SHREC Revenues started in late 2020 and terminates by June 2035, covering generation starting 1/1/2020 and ending 12/31/2034.
The Special Capital Reserve Fund (SCRF) funded at MADS (maximum annual debt service) also secures the 2021 Green Liberty Bonds

- The SCRF, which is a special debt service reserve fund, is only drawn upon if the SHREC Revenues are insufficient to meet debt service requirements.
- If the SCRF is depleted to pay debt service, funding from the State of Connecticut is "deemed to be appropriated" to restore the SCRF to MADS.
- Appropriation and payment of these funds by the State are not subject to further legislative approval.

The Green Bank shall not issue any additional bonds secured by a pledge of the SHREC Revenues derived from Tranche 4.
## 2021 Green Liberty Bonds
### Transaction Overview

<table>
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<th>Issuer:</th>
<th>Connecticut Green Bank</th>
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<tbody>
<tr>
<td>Preliminary Par*:</td>
<td>$23,609,000</td>
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<td>Use of Proceeds:</td>
<td>Refinance expenditures of the Green Bank related to its Residential Solar Incentive Program (“RSIP”), fund a Special Capital Reserve Fund, pay the costs of issuing the Bonds</td>
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<td>Retail Order Period*:</td>
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<td>Settlement Date*:</td>
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<td>Structure*:</td>
<td>Current Interest Bonds maturing in years 2021 through 2036</td>
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<td>Denominations:</td>
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<td>Tax Status:</td>
<td>Federally Taxable, Connecticut Tax-Exempt</td>
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<td>Redemption Provisions*:</td>
<td>Par Call on November 15, 2030</td>
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<td>Rating:</td>
<td>A (S&amp;P)</td>
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*Preliminary, subject to change*
2021 Green Liberty Bonds
Financing Detail*

- Approximate par amount of $23.6 million
  - Fixed rate structure

- Dates and Redemption
  - Principal due: November 15
  - Interest payable: May 15 and November 15, beginning November 15, 2021
  - Redemption:
    - Par Call on November 15, 2030

- Denominations: $1,000

- Tax Status: Federally Taxable
  Exempt from personal income taxes of Connecticut

- Certified Climate Bonds

<table>
<thead>
<tr>
<th>Series 2021 Preliminary Amortization</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/15/2021</td>
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<tr>
<td>11/15/2022</td>
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<td>11/15/2023</td>
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<td>11/15/2024</td>
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<td>11/15/2025</td>
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<td>11/15/2034</td>
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<tr>
<td>11/15/2035</td>
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<tr>
<td>11/15/2036</td>
</tr>
<tr>
<td><strong>Total</strong></td>
</tr>
</tbody>
</table>

*Preliminary, subject to change
2021 Green Liberty Bonds
Transaction Diagram

- Solar Homeowners
- Third Party Owners
- CT Green Bank
- Trustee
- Utilities
- SCRF
- 2021 Bonds
- Retail Investors
- Institutional Investors

SHRECs flow to CT Green Bank, which then distributes funds to Solar Homeowners, Third Party Owners, Utilities, and SCRF. SCRF invests in 2021 Bonds, which are then sold to Retail and Institutional Investors through Trustee.
2021 Green Liberty Bonds
Flow of Funds

Series 2021 Trust Estate

- **SHRECs delivered quarterly**
- Revenue Fund
  - Trustee fees get paid first.
  - Current P&I payments
- Debt Service Fund
- Special Capital Reserve Fund
  (Funded at Closing with Bond Proceeds)
- Redemption Fund
  - All remaining amounts
- **2021 SHREC Economic and Energy Security Fund**
  - No later than 15 days prior to interest and principal payment date to address shortfall
  - 2nd Business Day of Each Month

Trustee fees get paid first.
# 2021 Green Liberty Bonds

## Transaction Parties

<table>
<thead>
<tr>
<th>Role</th>
<th>Entity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Issuing Entity:</td>
<td>Connecticut Green Bank</td>
</tr>
<tr>
<td>Municipal Advisor:</td>
<td>Lamont Financial Services</td>
</tr>
<tr>
<td>Bond Counsel:</td>
<td>Shipman &amp; Goodwin LLP</td>
</tr>
<tr>
<td>Senior Manager:</td>
<td>Stifel, Nicolaus &amp; Co., Inc.</td>
</tr>
<tr>
<td>Co-Manager:</td>
<td>Ramirez &amp; Co.</td>
</tr>
<tr>
<td>Underwriters’ Counsel:</td>
<td>Ballard Spahr LLP</td>
</tr>
<tr>
<td>Trustee:</td>
<td>The Bank of New York Mellon Trust Company, N.A.</td>
</tr>
<tr>
<td>Independent Engineer:</td>
<td>DNV GL</td>
</tr>
<tr>
<td>Climate Bond Verifiers:</td>
<td>Kestrel Verifiers</td>
</tr>
</tbody>
</table>
About

Green Liberty Notes

Connecticut Green Bank Subsidiary’s Fourth Green Liberty Notes Offering is Second Consecutive Sell-Out, Brings Cumulative Raise Over $800,000

Offerings provide an opportunity for citizens to invest as little as $100 to support Green Bank’s mission to confront climate change through Eversource’s Small Business Energy Advantage Program.
Green Liberty Notes

Fight Inflation

Earn and interest rate higher than comparable one-year CDs

Have confidence that you will get paid back

Learn more at www.greenlibertynotes.com
Green Liberty Notes
Raise Green

- Response to an open RFP for Capital Solutions established June 27, 2020:
  - Democratization of investing - use of Regulation Crowdfunding ("RegCF") to leverage capital from retail investors
  - Up to $2 million of “mini-bond” instrument with bond offering prices below $1,000 (min $100)
    - Up to $250,000 quarterly for up to 2 years
    - Backed by Green Bank’s Small Business Energy Advantage (“SBEA”) loan revenues
    - Issued through taxable subsidiary

- Strategic benefits:
  - Build upon success of Green Liberty Bonds
  - Improve access to green investment opportunities for retail investors
  - Enhance Green Bank brand by being one of the few issuers of short-term, green-certified bonds
  - Establish access to an untapped source of liquidity

(1) https://www.sec.gov/smallbusiness/exemptofferings/regcrowdfunding
Small Business Energy Advantage

• Upfront Incentives
• Interest Free Loans
• Paid back on utility bills
Raise Green Issuance 2021
Transaction Diagram

CT Small Businesses

Eversource

CT Green Bank

Issuing Entity

Mini Bonds

Retail Investors

CEFIA Holdings

SBEA Loans

SBEA Loans

$ SBEA Loans

Loan to purchase SBEA Loans

Assignment of cash flow from SBEA Loan repayments

$ Bonds

SBEA Loans

$
ISSUER
CGB Green Liberty Notes, LLC

OPINION ON
2021 Green Liberty Notes (Green Bonds)

GREEN STANDARD AND CATEGORY
- Energy Efficiency

EVALUATION DATE
November 12, 2021

SUMMARY
Kestrel Verifiers is of the opinion that the 2021 Green Liberty Notes (Green Bonds) (“2021 Notes”) conform with the four core components of the Green Bond Principles 2021 as follows:
Thank You

Connecticut Green Bank
75 Charter Oak Avenue, Hartford
(860) 563-0015
www.ctgreenbank.com
www.greenbondsus.com
Thank you for attending our webinar

**Vero Bourg-Meyer**
Project Director
Clean Energy States Alliance

Upcoming Webinars

• Resilient Solar+Storage for Cooling Centers (11/16)
• Behind-the-Meter Energy Storage: Comparing State Policies (11/17)
• Energy Storage in the Southwest: Battery Case Studies from Albuquerque Public Schools and the Navajo Tribal Utility Authority (12/1)
• California’s Solar for Multifamily Affordable Housing Program: Effective Collaboration for Equitable Solar (12/2)
• State Leadership in Solar+Storage, Featuring Maryland and Oregon (12/9)

Read more and register at www.cesa.org/webinars