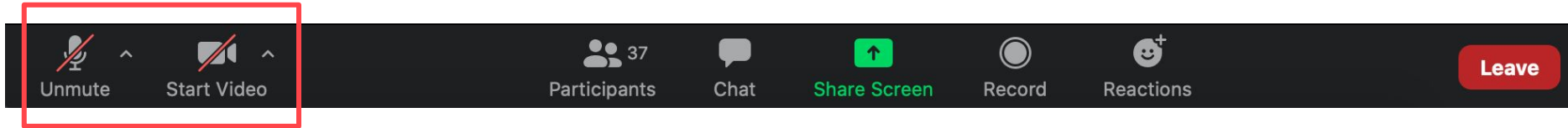


Mass Save Commercial Programs

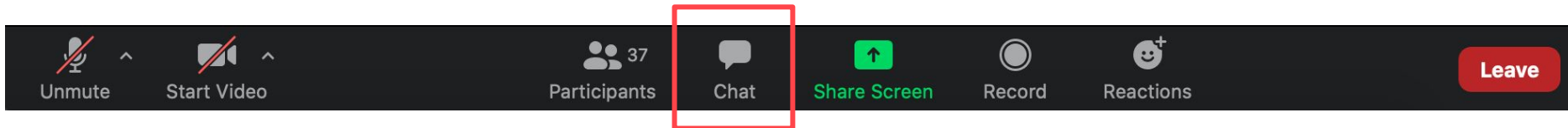


Meeting Recording

We are recording this presentation, but not the Q&A at the end. If you don't wish to be recorded, please turn off your video.



If you do not feel comfortable participating in the discussion, you can share comments or questions in the chat.



Agenda

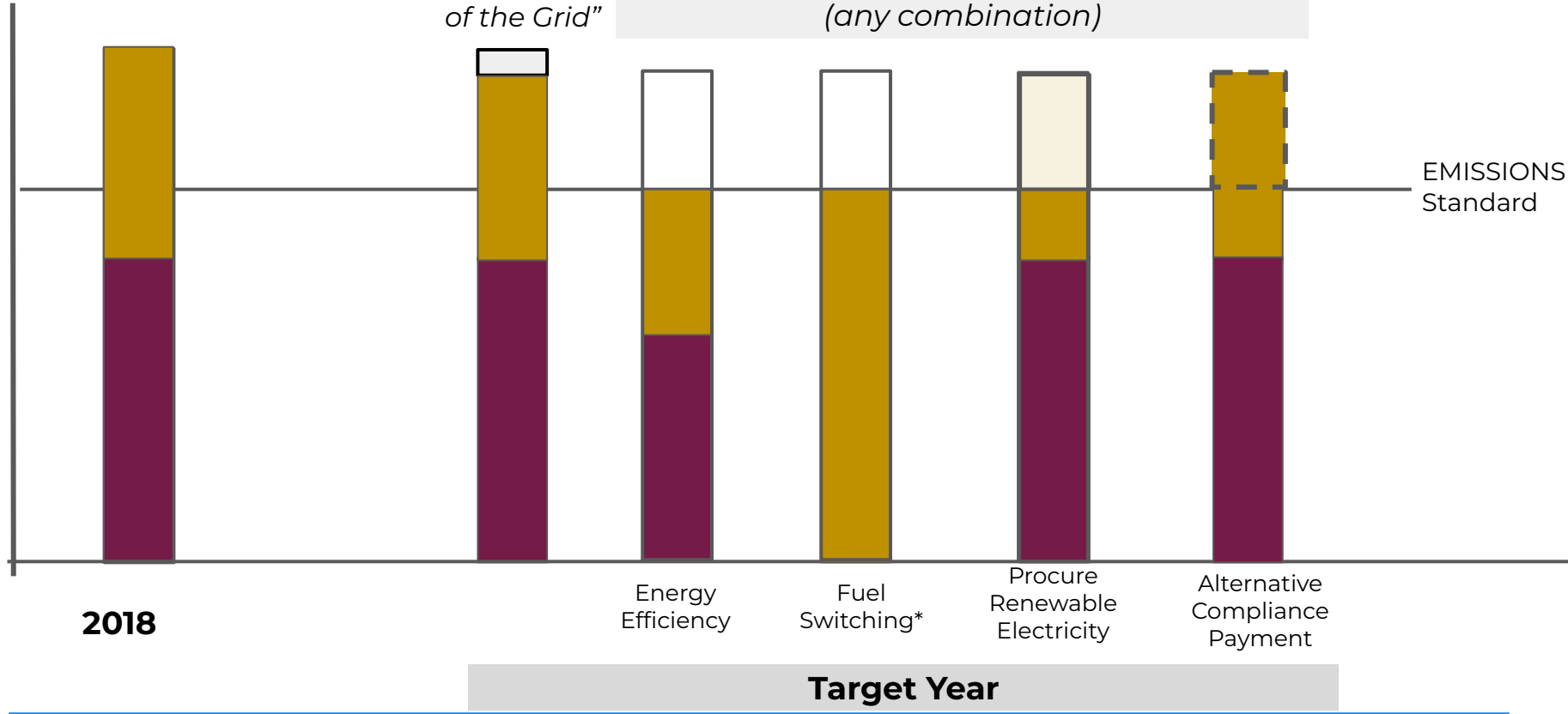


- **Electric Offerings - Eversource**
- **Gas Offerings - National Grid**
- **Q&A**

BERDO Compliance

"Greening of the Grid"

Options
(any combination)



EMISSIONS Standard

2018

Energy Efficiency

Fuel Switching*

Procure Renewable Electricity

Alternative Compliance Payment

Target Year

Electricity Natural Gas

* Fuel switching often best when combined with efficiency **For illustrative purposes only

An aerial wireframe illustration of a cityscape, rendered in a light blue color against a darker blue background. The buildings are represented by simple geometric shapes and lines, creating a sense of depth and perspective. The city is dense with structures of various heights and shapes, including a prominent curved building in the center.

Electric Offerings

Eversource





Jessica Reardon

Energy Efficiency Consultant

Municipal Customers - MA

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781-664-4389

Eversource at a Glance



3 STATES

New England's
largest energy
distribution company

Servicing electric,
natural gas & water

4M CUSTOMERS



9,300 EMPLOYEES

Across three states,
committed to
sustainability and
carbon reduction

\$700m+ annual
energy efficiency
investment

**#1 EE PROVIDER IN
THE NATION**



Opportunities



NEW CONSTRUCTION



RETROFIT



FACILITY ASSESSMENTS





Financial
Incentives



Engineering
Support



Reduced Operating
Expenses

Timeline

ENERGY EFFICIENCY PROCESS



**INCREASE**

Cash Flows
Equity Valuation
Property value
Life of mechanical
equipment

**DECREASE**

Energy cost & usage
Energy Demand
charges
On-book total
expenses
Greenhouse Gasses

EVERSOURCE

Thanks
for listening.

An aerial wireframe illustration of a cityscape, showing various buildings, streets, and structures in a light blue color against a darker blue background. The perspective is from a high angle, looking down on the city.

Gas Offerings

National Grid



Daniel Sancomb, Sr. C&I Energy Efficiency Representative



- ❖ **25 Years with National Grid**
- ❖ **U.S. Navy Veteran**
- ❖ **University of Massachusetts (1995)**

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Cell: 978-408-0701

[\(99+\) Daniel Sancomb | LinkedIn](#)

Buildings account for nearly 70% of greenhouse gas emissions in Boston. The 2021 amendment to BERDO gives the City authority to set emissions standards for large existing buildings. The emissions standards will decrease over time, with all buildings achieving net zero emissions by 2050.

Decarbonizing: Removing fossil fuels

Electrification: Transferring gas consumption to cleaner grid

Energy Efficiency: Optimizing energy use



Resources include

- **Mass Save Prescriptive Gas Rebates : [\(800\) 632-8300](tel:8006328300)**
- **Engineering Support through National Grid to identify and quantify energy savings opportunities**
- **Custom Rebates**
- **Vendor Network / Subject matter expertise**



Natural Gas Measures to reduce / eliminate fossil fuels

**Heat Pumps: Funding \$2,500 per ton for Air Source Heat Pumps
\$3,500 per ton for VRF, \$4,500 per ton for ground source heat pumps**

Innovative technology which captures *heat from wastewater* provides energy savings without digging wells for heating, cooling, and process.

Conventional air handlers that are direct fired gas can convert to heat pumps with substantial utility funding.

VRF mini and multi split systems provide for ductless solutions.



Weatherization

Changes to the Energy Efficiency Program guidelines now allow for utility funding for windows and building envelope insulation retrofits.

Other *traditional building measures* to reduce gas use include: Steam trap survey and repair, steam pipe insulation, energy management system retrocommissioning, weatherstripping, destratification fans, air curtains, air balancing / limiting outside air through HVAC.

INDUSTRIAL GAS SAVING MEASURES

Lab space fume hood controls

Boiler tune ups 4.2 MMBTU+

Stack Economizer

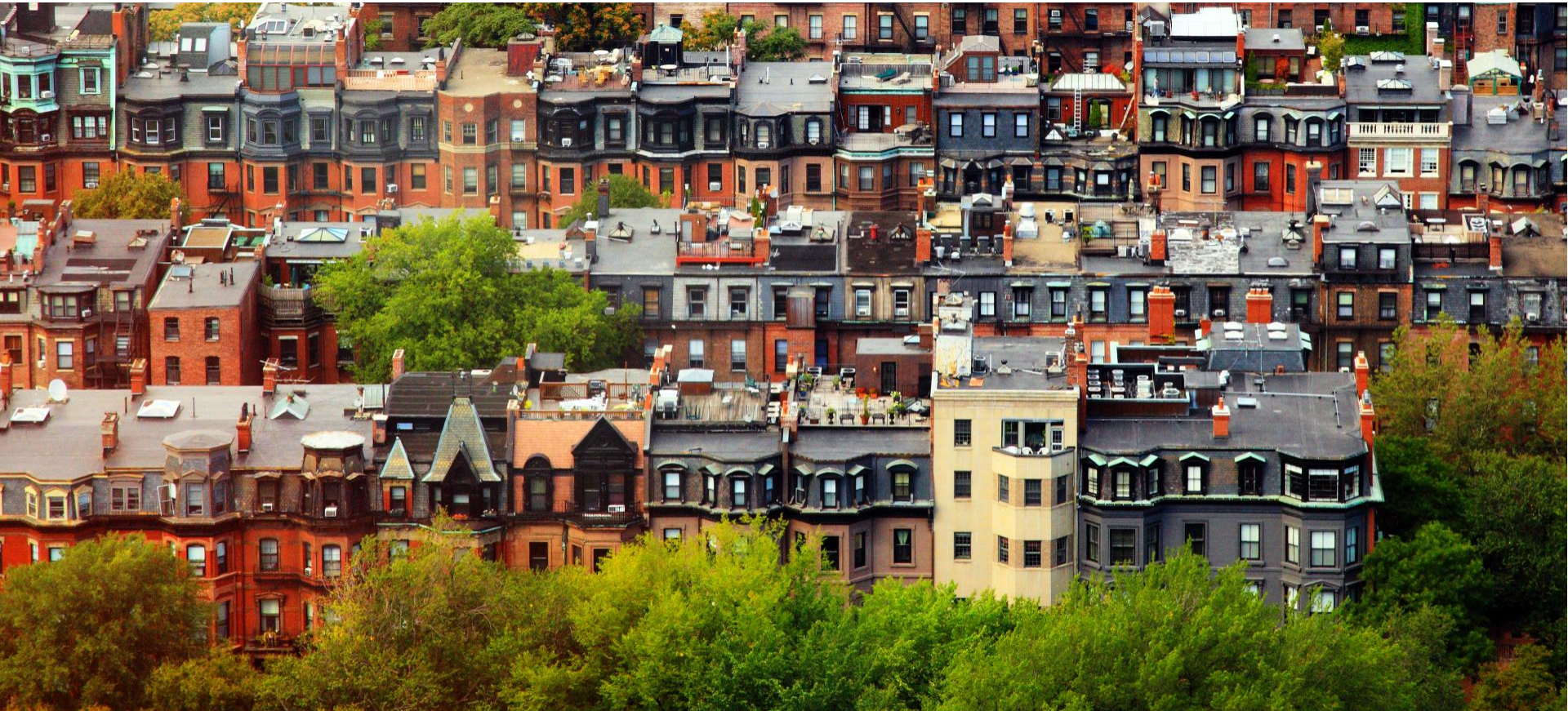
Boiler Controls

Process Heat Recovery

Waste Reduction Projects

Methane capture > Turbine at food processing / landfill / LNG facilities

(requires regulatory approval)



Upcoming Webinars

- **Mass Save Multifamily Programs**
 - *Tues., April 26 @ 2:00 pm*
- **How to Report for BERDO through Energy Star Portfolio Manager**
 - *Mon., May 2 @ 4:00 pm*
- **BERDO 2.0 101**
 - *Tues., May 24 @ 4:00 pm*

Visit boston.gov/BERDO to register and to view past webinars.