

# How Local Businesses can be Wise about Climate

Upper Valley Adaptation Workgroup Forum

December 7, 2022



# Upper Valley Adaptation Workgroup (UVAW)

Municipal

Regional

State

Medical

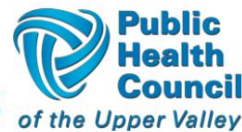
Academic

Non-Profit

Business

## UVAW Mission Statement:

Building Climate Resilient Communities in the Upper Valley through  
Research, Information Sharing and Education



DARTMOUTH



# Objective

## Climate Wise Businesses

- Mitigate climate change by reducing GHG emissions
- Adapt to climate change by becoming more resilient
- Proactively manage risks and leverage opportunities



# Agenda

12:00-12:10	<b>Welcome</b>
12:10-12:40	<b>Business panel presentations and Q&amp;A</b> <ul style="list-style-type: none"><li>• April Harkness, Co-op Food Stores</li><li>• Robin Tindall, Hypertherm</li></ul>
12:40-1:10	<b>Presentations and Q&amp;A</b> <ul style="list-style-type: none"><li>• Andrew Hatch, Business Resilient Group</li><li>• Jen Severdit, Efficiency Vermont</li></ul>
1:10-1:25	<b>Breakout group discussions</b>
1:25-1:30	<b>Wrap up</b>



# Sustainability Journey of the Co-op Food Stores



April J Harkness  
ESG Program Manager, Co-op Food Stores



- ▣ The General Manager shall not allow net positive greenhouse gas emissions beyond 2030.

Vermont Energy Investment Corporation (VEIC)

Co-op Food Stores Climate Action Plan

- Buildings
- Refrigerants
- Transportation



## ▸ VEIC Phase I Climate Action Plan

- Action Plan
- Prioritized Actions
- Savings Summary





# VEIC Phase II Implementation Plan

- Capital Plan for Optimized Emissions Reduction
- Equipment Replacement Plan
- Incentive & Funding Support
- GHG Emission Report





## ▸ Co-op's Zero Waste Goals – *Coop Loop*

- All Co-op provided packaging will be reusable, compostable, or recyclable by 2024
- The Co-op will implement a program to reduce waste created by the products we sell by 2024
- The Co-op will implement a zero-waste product policy by 2024
- All Co-op locations will be zero-waste by 2025



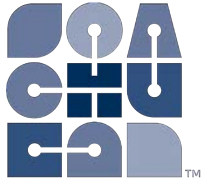


## Resiliency

- Supply Chain
- Efficiencies
- Member Values
- Social Impact
- Transparency
- Customer & Employee Engagement







**HYPERTHERM  
ASSOCIATES™**

SHAPING POSSIBILITY®

# Climate Change: Mitigation and Adaptation

Robin Tindall December 2022

PLASMA | LASER | WATERJET | AUTOMATION | SOFTWARE | CONSUMABLES

# Customer markets

Roads



Airports



Harbors



Trains



Automotive



Railway systems



Energy networks



Utility systems



Drilling



HVAC



Education



Healthcare



Social infrastructure



Ships



Art



Steel construction



Trucks



Tractors



Heavy equipment



Demolition



# Mission Driven



## Mission

To provide Customers with the world's leading industrial cutting solutions, to promote the well-being and development of our Associates, and to enrich our communities and environment.



## Core values

- Excellence in technology innovation
- Focus on the Customer
- Honesty and integrity
- Respect for the individual
- Community leadership
- Environmental stewardship
- Shared ownership and rewards
- Continuous improvement and business excellence
- Personal growth and development



## Critical success factors

- Lead in technology and service innovation
- Excellence in partnering
- Work together as owners
- Develop leadership excellence
- Advance the learning, development, and well-being of Associates
- Reduce the environmental impact of everything we do
- Drive operational excellence using high performance practices
- Grow revenue and create financial strength



# Mitigation



## BASELINE AND DATA MANAGEMENT



SUPPLIERS



ELECTRICAL  
EFFICIENCY



LOGISTICS



COMMUTING



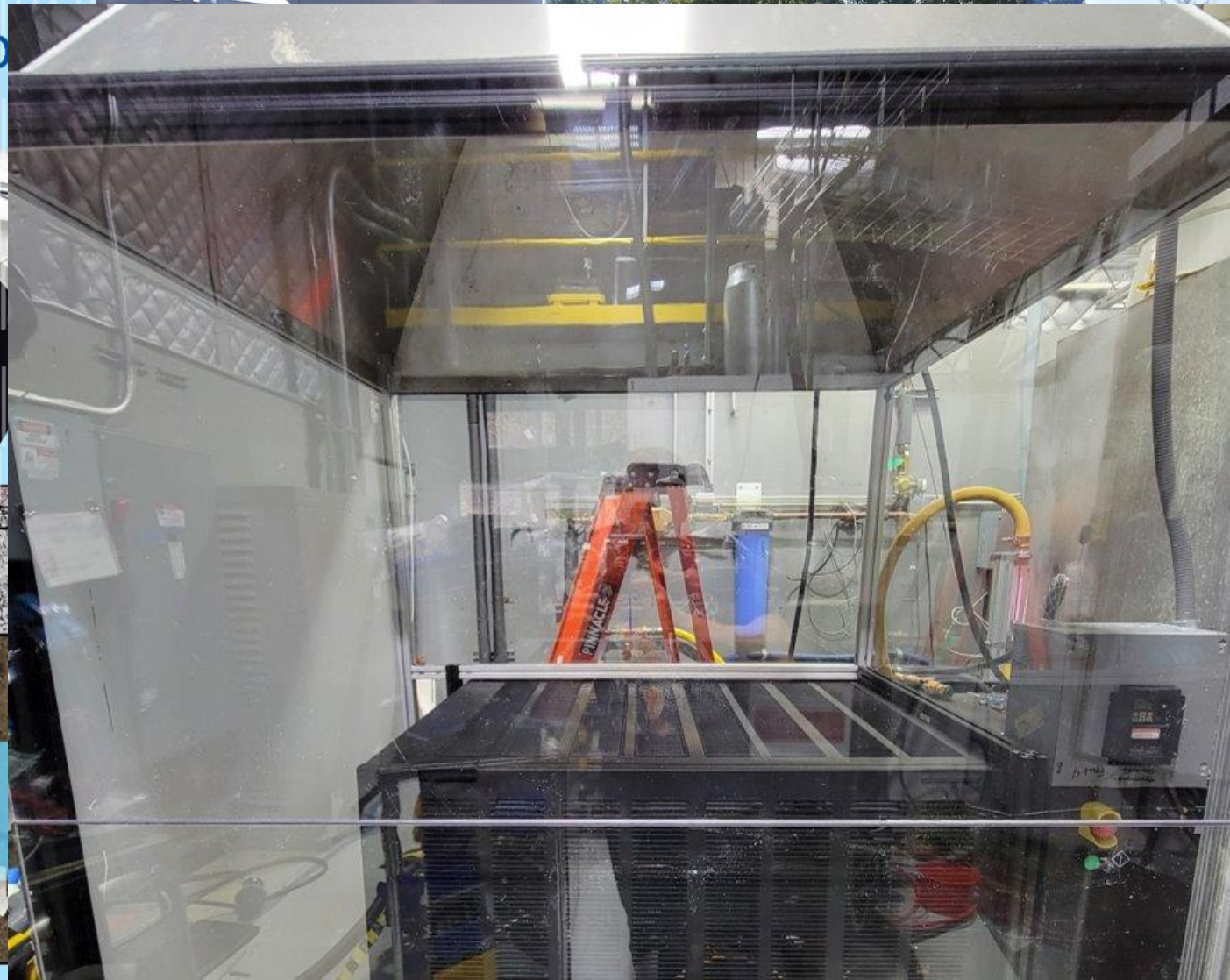
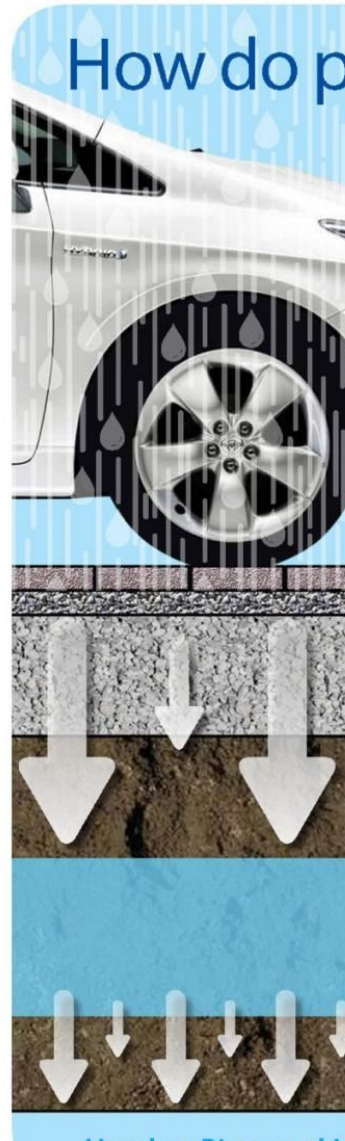
PRODUCTS



**Hypertherm**  
SHAPING POSSIBILITY<sup>®</sup>




# Adaptation



**Q&A**







# NHSaves Energy Efficiency Programs

# Electric Customer Types



## LARGE BUSINESS 200 kW or more

Typically includes hospitals, large educational facilities, large retail and office buildings and manufacturing facilities.



## SMALL BUSINESS Fewer than 200 kW

Typically includes smaller retail establishments, offices, grocery stores, light manufacturing and restaurants.



## MUNICIPAL

City and town accounts such as schools, fire and police stations, DPW facilities, town offices, water and wastewater treatment plants and pump stations.

# NHSaves Program Overview:

- Energy Audits
- Technical Assistance
- Energy Benchmarking
- Incentives & Rebates
- Turnkey Retrofits
- New Construction Pathways
- On-Bill Financing



# Eligible Measures:

- Chillers
- Compressed Air
- Food Service Equipment
- Heating, Ventilation and Air Conditioning (HVAC)
- Industrial process equipment
- Lighting and Controls
- Refrigeration
- Variable frequency drives (VFDs)
- Water Heating Equipment



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**RESILIENT BUILDINGS**

— **GROUP** —

*Superior energy performance*



December 7, 2022

# How Can Saving Energy Help Your Community and Your Bottomline?

Vital Communities/UVAW Presentation

Jen Severidt

Account Manager 2, Efficiency Vermont





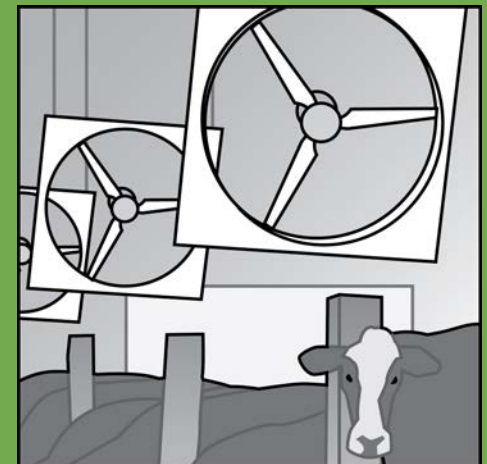
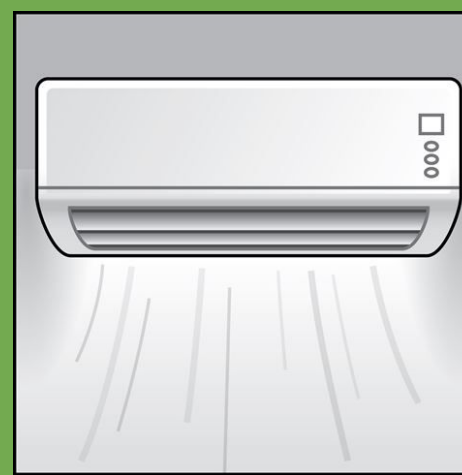
# Why efficiency?

- Cost savings
- Improved equipment resilience
- Comfort & safety
- Environmental benefits

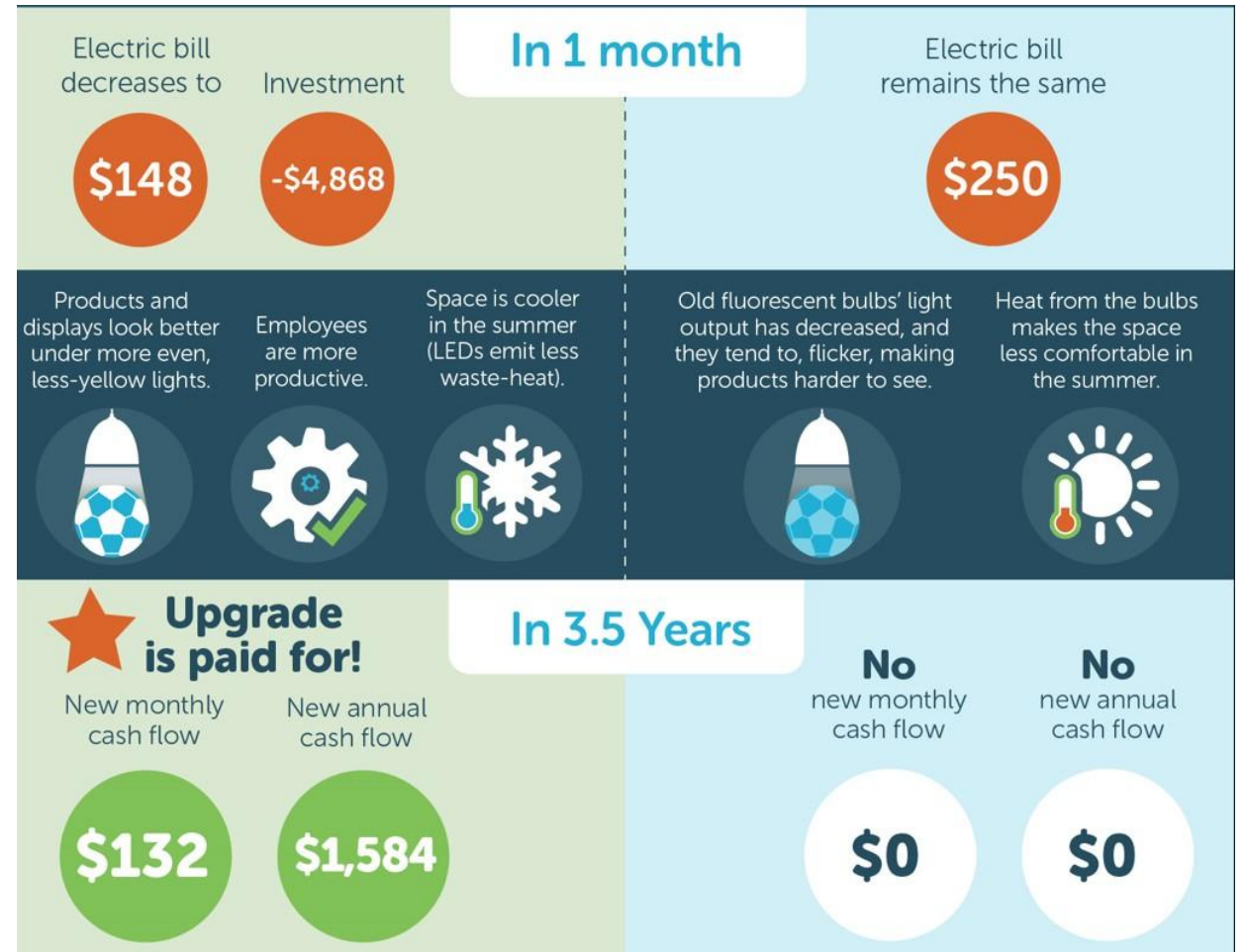
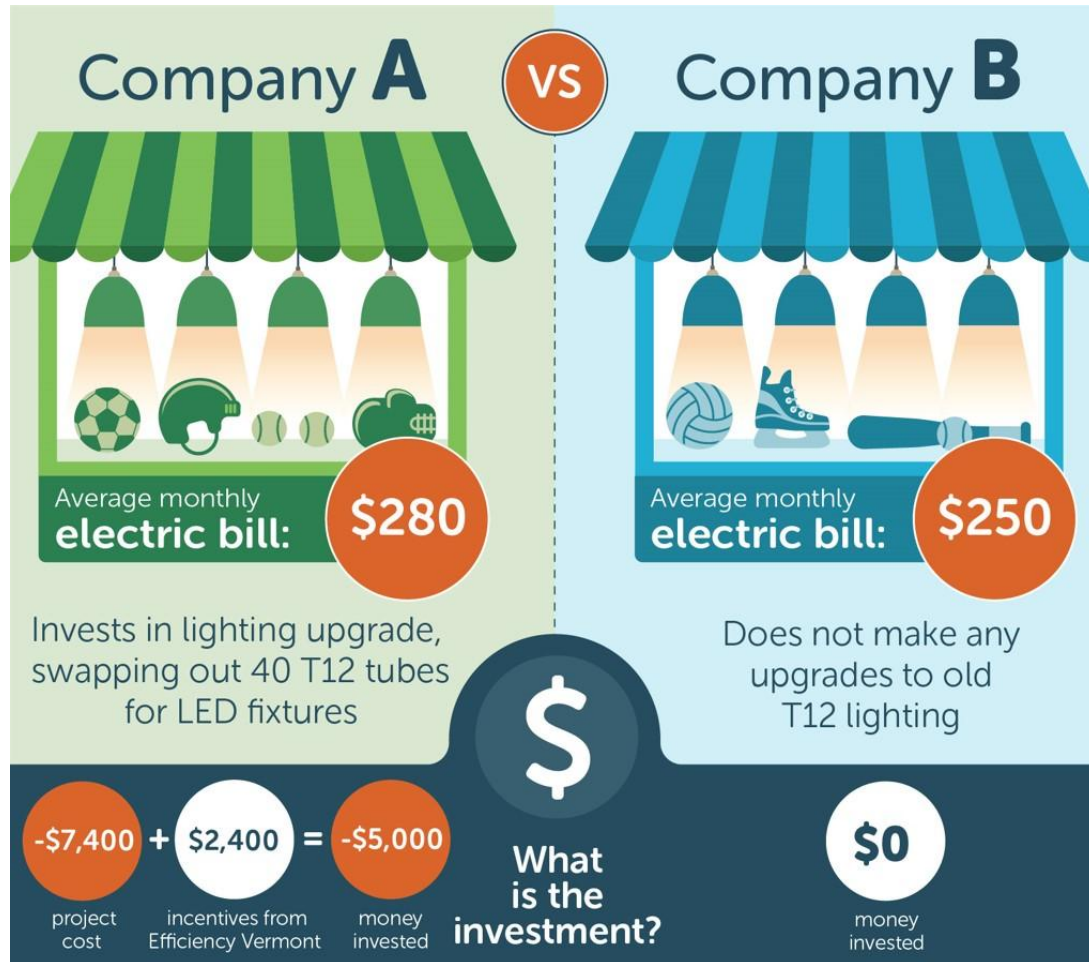
Benefits for  
buildings,  
employees,  
visitors, and  
taxpayers.

# Efficiency Vermont offers incentives on the following:

- HVAC systems
- Weatherization
- Commercial kitchen equipment
- Lighting
- Commercial refrigeration
- Agriculture equipment
- New construction or rehabilitation



# High cost of doing nothing







Vista Foods, Newport  
Local Grocery Store chain with  
locations throughout NE

“ The store is brighter, and I haven’t had to change a single light bulb since we did the work. That’s a pretty big difference from before.”

Heath Geoffrey, Store Manager

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Updated LED lighting installed inside and out and in all display cases. Added automated sensors to some locations. Refrigeration system updated with efficient fan motors and new door-heater controls.

**\$44,210**  
savings  
per year

# How to start saving energy

## Individually

- Look for common problem areas like cold areas, icicles on the exterior, equipment requiring frequent repair
- Review monthly energy and fuel bills, looking for spikes in use or changes in consumption

## With a consultant

- Start with a phone consultation or email to determine best next steps
- Get a list of recommended next steps, plus information on incentives and funding options



# Questions?

Thanks to Upper Valley  
Adaptation Workgroup for  
hosting!



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Winooski, VT 05404

[efficiencyvermont.com](http://efficiencyvermont.com)



**Q&A**



# Breakout groups

1) NH resources/  
assistance

(Andrew)

2) VT resources/  
assistance

(Jen)

3) Business Case  
Studies

(April and Robin)

- **Follow-up questions for speakers**
- **Discussion questions:**
  - What climate impacts are you concerned about for your business?
  - What mitigation/resilience actions have you taken?
    - What was helpful during that process? What was challenging?
  - What mitigation/resilience actions would you like to do next?
    - What would help you do this? What are the barriers?

# Wrap up

## Speaker emails:

- April Harkness [AprilHarkness@coopfoodstore.com](mailto:AprilHarkness@coopfoodstore.com)
- Robin Tindall [Robin.Tindall@Hypertherm.com](mailto:Robin.Tindall@Hypertherm.com)
- Andrew Hatch [AHatch@resilientbuildingsgroup.com](mailto:AHatch@resilientbuildingsgroup.com)
- Jen Severidt [JSeveridt@efficiencyvermont.com](mailto:JSeveridt@efficiencyvermont.com)

**Recording and related resources will be shared with participants and posted here:**

<https://vitalcommunities.org/climate-change/>