NV GREEN BUSINESS NETWORK

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GBENN

2025

LOVELADY BREWING COMPANY

Henderson, Nevada

Green Certified Brewery

Energy Efficient Project

Lovelady Brewing Company, the first Green Certified brewery in the state of Nevada, applied for a 2025 Green Business Grant to replace 82 fluorescent bulbs with LEDs.

- **Lighting Swap:** 32W T8 ➡ 11W T8 | **Number of lights replaced:** 12
- **Lighting Swap:** 54W T5 ➡ 25W T5 | **Number of lights replaced:** 70

> "This project has been on our 'to do' list for some time. The Green Business Grant made it happen! The lighting generates less heat, provides brighter tasks light, and we are certain it has made a difference in our energy bill."
>
> — Linda Lovelady, Co-Owner

PROJECT OUTCOMES

- **Energy Saved:** 10,505 kWh/year
- **Emissions Reduced:** 3.54 MT CO_2e/year
- **Projected Cost Savings:** $917.20/year

Project Results

This lighting retrofit is projected to save Lovelady Brewing Company over $917 per year in energy costs. The environmental outcome of this project is over 10,505 kWh conserved and over 3.54 metric tons of CO_2e reduced annually.

2025

NV AUTO BODY

Carson City, Nevada

Green Certified Auto Shop

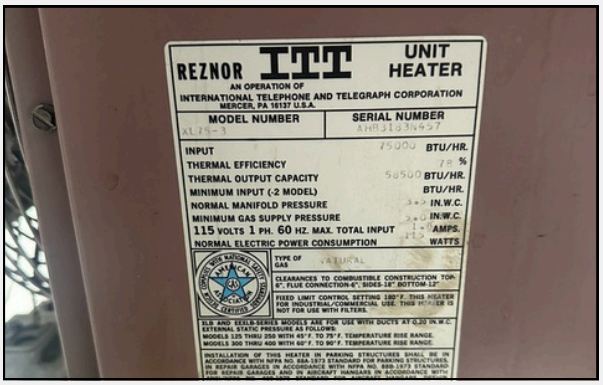
Energy Efficient Project

NV Auto Body applied for a small business grant to replace their 43-year-old unit heaters with two high-efficiency infrared heaters. Because they frequently have the service door open, running unit heaters in the winter was not cost-effective. The shop installed infrared heaters to efficiently radiate heat to warm surfaces, machinery, and cars (vs. warming the air).

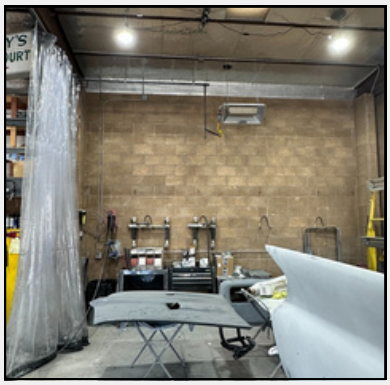
> "Our new heaters are infrared and are 99.9 % efficient. We expect to see big savings this winter, and the infrared heat will be more comfortable."
>
> — Susan Maroc, Co-owner

PROJECT OUTCOMES

- **Energy Saved:** 28,000,000 BTU/year
- **Emissions Reduced:** 2.36 MT CO_2e/year
- **Projected Cost Savings:** $1,432.99/year



BEFORE



AFTER

Project Results

While potential cost savings are evident, the shop won't reap the benefits until later this fall. However, Co-owner Susan Maroc expects to see even greater savings and natural gas reductions due to the infrared technology (estimations not included in this case study). She also anticipates more comfortable working conditions.

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2025

CHRISTY'S FACE PAINTING

Fallon, NV

Mobile Arts & Environmental Education

Energy Efficient Project

Christy's Face Painting needed a cleaner, more sustainable way to power their mobile booth at festivals and events across Nevada and the south-western United States. With a $1,000 rebate, Christine installed a solar generator and panels to power her booth off grid. The new system runs lighting, a card reader, a fan, and more—completely from solar energy!

> "This program helped me show the public that even a small business can go solar."
>
> — Christine Lamphear, Owner

PROJECT OUTCOMES

- **Energy Saved:** 353 kWh/year
- **Emissions Reduced:** 0.401 MT CO_2e/year
- **Projected Cost Savings:** $121/year

Previously, all booth power was sourced from at-home charging, requiring significant electricity. The switch allows the booth to operate entirely off-grid while showcasing clean energy.

Project Results

Christy's Face Painting is now a carbon-neutral vendor, inspiring hundreds of families through interactive, sustainable outreach. Her booth also features biodegradable glitter, vegan hypoallergenic face paints, and a bee-themed design that donates all its proceeds to pollinator awareness campaigns. The project demonstrates that even micro-businesses can lead climate action with creativity and impact.

2025

TIABI WAFFLE

Las Vegas, NV

Food Service, AAPI Owned Business

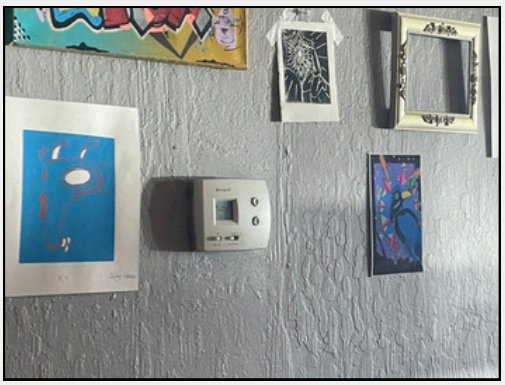
Energy Efficient Project

Tiabi Waffle, a vegan and sustainability-focused café, worked with Green Dining Nevada and the Nevada Green Business Network to improve energy efficiency at both of their locations. With the installation of LED bulbs, smart thermostats, and motion sensor switches, Tiabi has cut their electricity use, improved efficiency, and lowered utility costs.

> "Becoming part of this program helped reinforce my values of sustainability and equitably, and brought them to life in my cafés."
>
> — Tiffany Biscoe, Owner

PROJECT OUTCOMES

- **Energy Saved:** 5,233 kWh/year
- **Emissions Reduced:** 1.76 MT CO_2e/year
- **Projected Cost Savings:** $456.90/year



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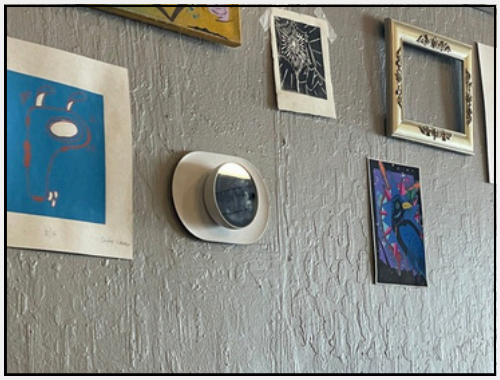

AFTER

Before the project, outdated bulbs, thermostats, and manual switches consumed excess electricity.

Upgraded LED lighting and automation improve efficiency.

Project Results

Tiabi is a community hub for students and local activists, and the improvements reinforce its mission to minimize their carbon footprint. The energy upgrades reduced GHG emissions and created safer, more responsive lighting environments for both customers and staff. The café's participate in other sustainability programs including GreenBox to Go, making Tiabi Waffle a leader in local green business innovation.

2025

OVERLAND

Gardnerville, Nevada

Restaurant and Pub

Energy Efficient Project

The Overland (Liberty Food Group) is located in an old Basque hotel in Gardnerville, Nevada. It was originally built in 1902 and has since been remodeled into a restaurant and pub. As a 2025 Green Business Grant recipient, Overland decided to replace their old 32-watt fluorescent bulbs with LEDs to reduce energy costs.

Lighting Swap: 32W ➡ 8W
Number of lights replaced: 26

The Overland replaced 26 individual 32W **Fluorescent** bulbs with 8W **LED** Bulbs. A straightforward swap that immediately saves energy cost.

PROJECT OUTCOMES

- **Energy Saved:** 2,896 kWh/year
- **Emissions Reduced:** 0.83 MT CO_2e/year
- **Projected Cost Savings:** $252.85/year

32W Fluorescent Bulbs with Mercury

New 8W LED

Project Results

This project illustrates how existing structures, both new and old, can integrate updated lighting into their established interior design and identity. Older structures often stand to gain the most from such upgrades, as we see with Overland's impressive energy reductions (2,896 kWh annually).