

CLIMATE ACTION: 2020 + 2021 RESULTS

2020 Year-in-Review

Solarize Summit

- Organized successful second year of Solarize Summit
- 7 completed projects in Frisco
- Solarize Summit cumulative total (2019 - 2020): 113 kW = 81 tons of carbon pollution saved each year

Commercial Energy Benchmarking

- Implemented pilot project for tracking and reporting energy use in large commercial buildings
- Frisco buildings: Public Works, Town Hall

Electric Vehicle Readiness Plan

- Led stakeholder process to develop a community wide EV readiness plan to identify key strategies for increasing local EV adoption

Community Events

- Co-organized Rob Davies' presentation
- Hosted online film 2040 with 90+ tickets reserved

2021 Progress

- 10/10 Solarize projects sold, 57 kW = 43 tons CO₂
- EV Readiness Plan adopted by Breckenridge, BOCC, and Frisco. Presented to Dillon. Residential and commercial Ride and Drive events planned for fall
- Renewable Energy Program to regulate outdoor energy use to be presented to councils this summer/fall
- Impact analysis of top 10 carbon reduction strategies completed
- GHG inventory update in progress
- Climate Equity Plan grant proposal submitted to EPA



ENERGY SMART COLORADO: 2020 COUNTY RESULTS

Home Energy Assessments

27/25

Home Energy Retrofits

12/12

2021 YTD

Home Energy Assessments

25/20

Home Energy Retrofits

6/10

It's normal for retrofit numbers to lag audits; our goal is to complete all audits the first half of the year and focus on projects the second half.

2020 Frisco Impacts

17 metric tons

GHG emissions saved each year through home energy retrofit projects and quick-fixes

126

LED bulbs installed during assessments

\$72

Average annual savings from quick-fixes, per home

\$459

Average annual savings from home energy retrofits, per home

\$47,882

Income generated for local contractors



ENERGY SMART SUCCESS STORY:

ANDY & MARCI AERENSON

Andy and Marci Aerenson have called Frisco home for the past six years, and their love of this community shines through their conversations. In addition to being a Frisco councilmember, Andy is on the board of The Summit Foundation and is a full-time ski instructor. Marci volunteers for Smart Bellies, Mountain Mentors, Colorado Mountain College, does disaster relief work, and still has time to train their 8-month-old puppy, Talley.

They signed up for an energy audit because, as Marci put it, "Knowing more about your house is always a good idea." Moving forward with projects was easy and smooth, and with the rebates, another no-brainer. Now after adding insulation and sealing pesky air leaks, their home is less drafty and more comfortable - a perfect mountain oasis.

"There's no downside to getting an energy assessment. Just do it."

- Andy Aerenson

Energy improvements: Air-sealing + insulation + lighting

Upfront cost: \$4,826

Rebates: \$400

Final cost: \$4,426

Annual savings: \$710

Lifetime CO2 savings: 31 tons



RESOURCE WISE: 2020 FRISCO RESULTS

New Businesses
Enrolled

8/5

Sustainability
Projects Rebated

4/6

2021 YTD

New Businesses
Enrolled

8/8

Sustainability
Projects Rebated

4/6

2020 Frisco Impacts

17 metric tons

GHG emissions saved each year through business energy efficiency projects and quick-fixes

\$885.61

Annual savings from business energy efficiency projects and quick-fixes

5 direct installs provided

\$41 average savings per business



RESOURCE WISE SUCCESS STORY: 619 MAIN STREET

Nestled in the heart of downtown Frisco, the 619 Main building has undergone some serious upgrades. Owner Dan McCrerey enrolled 619 Main in Resource Wise in 2020 and has since retrofitted the building with LED lighting and insulation to improve energy efficiency and indoor comfort.

The 619 Main building houses 22 businesses making these upgrades unique in that they benefit more than just one single entity. Tenants appreciate the better lighting quality, and they're expecting lower utility bills. Beyond recent upgrades, the building has had rooftop solar for about ten years, further reducing its carbon impact. As a result of his efforts, 619 Main has achieved silver certification in Resource Wise and Dan continues to seek out additional opportunities to improve the sustainability of the building.

"It's important to make efforts to reduce our carbon footprint. All businesses should make the effort - it's the right thing to do!"

Dan McCrerey, building owner

Sustainability improvements:

LED lighting + insulation

Upfront cost: \$91,681

Rebates: \$2,600

Estimated Savings/Year: \$5,172

Estimated Carbon Savings/Year: 24.5 tons

