Beneficial Electrification in Colorado

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Goal: To determine the technical, economic, and achievable potential for reducing net GHG pollution from moving end-use technologies in buildings as well as in industrial operations from fossil fuels to electricity as CO’s grid becomes cleaner
I. Market potential analysis

- Residential & commercial buildings (new + retrofit)
- Industrial operations, processes
- Electricity costs & generation mix for major utilities and energy providers
- Fuel sources & costs
- Technologies: existing & emerging
- Timeframe: 2021-2030

II. Barrier analysis and policy recommendations

- Barriers to electrification efforts
- Legislative & regulatory mechanisms
- Market transformation approaches
- Prioritize recommendations based on benefits & feasibility

CEO’s Beneficial Electrification study RFP
Colorado’s GHG Emissions Reduction Roadmap

Goal: To develop a statewide detailed action plan to:

1) reduce GHGs 26% by 2025 and 50% by 2030 from 2005 levels;

2) achieve longer-term GHG reductions of 90% by 2050 from 2005 levels.

• Establish a statewide baseline GHG inventory for 2005
• Obtain diverse and robust stakeholder input
• Quantify GHG pollution reductions plus costs and benefits

Timeline: Fall 2019 - Vendor selection & contract negotiation
Fall 2020 - Finalize roadmap
For more information

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