



City of
Golden

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Council Memorandum

To: The Honorable Mayor and City Council
From: Community Sustainability Advisory Board
Through: Theresa Worsham, Sustainability Manager
Date: December 2, 2020
Re: Resolution No. 2771

Purpose of Agenda Item: Consideration of a Resolution to declare Golden a GoEV city and pledge to electrify the transportation sector.

Background: The Southwest Energy Efficiency Project (SWEET) invited the City of Golden to make the “GoEV City” commitment which is a pledge to transition the municipal and citywide transportation systems to 100% electric vehicles. In Golden’s case, it involves pledging to develop policies and strategies to set electric vehicle (EV) targets for fleets, buses, taxis and rideshares and all personally-owned vehicles in the community to go 100% electric. The 100% electrified transportation target was previously adopted by Golden in 2019 as part of the current sustainability goals and this effort would identify and commit to several actionable steps toward that target.

Because transportation include so many different aspects, (How can we address individual EV investment? Municipal investment? Expanding public infrastructure? What about transit? How can the City make it affordable to all?), the Board considered the [GoEV program](#) as a comprehensive policy that could connect many different initiatives under one umbrella strategy. When Golden’s 100% electrification goal is envisioned at 2050, the Board acknowledges there are many steps needed in the next years to achieve that vision. This resolution seeks to break down the City’s 2030 and 2050 goals into a course of individual action items. These include:

- Improve transportation and social equity to low-income households.
- Create a municipal fleet electrification plan by 2021 and develop a decision-making matrix for evaluation and future budget consideration. Also develop a citywide electrification master plan by 2023.
- Transition to medium and heavy duty zero emission vehicles and off-road equipment as these vehicles become available using the decision-making matrix for evaluation and future budget consideration.

- Support the community system of electric vehicle charging station infrastructure.
- Work with the Jefferson County School District and the Colorado School of Mines to develop a roadmap to zero-emissions electrification of all new transit and school buses.
- Advocate for having the Regional Transportation District transition all bus routes within the city to zero-emission by 2030.
- Work with other municipal partners and with shared fleets such as taxis, rideshare, and carshare companies to transition these shared fleet vehicles to full electric fleets by 2030.
- Work with the community on programs, policies, incentives and regulatory approaches to transition 20% of all vehicles within the city to zero emissions by 2030, and 100% of all vehicles by 2050.
- Develop partnerships with micro-mobility companies to promote the use of fossil fuel-free alternative transportation options such as electric bikes and bicycles.

Other local governments including Summit County, Denver, Boulder and Boulder County have passed similar GoEV resolutions this year.

Public Outreach Efforts: The Community Sustainability Advisory Board reviewed the campaign at their October 28 and November 18 public meetings. Individual components within the draft Resolution such as a municipal fleet plan, electric buses, and issues surrounding electric vehicles, charging and affordability have often been discussed several times over the past few years.

Fiscal Impact: This action does not require funds, but does require the City to develop a fleet electrification plan, including a financial decision-making model with a matrix to include the total cost of vehicle ownership, including fuel and maintenance costs, and the social cost of carbon in its vehicle procurement calculations. Any decisions to fund new municipal electric vehicles or EV charging infrastructure would be considered at a future date under a usual budget review and approval process.

Community Impact: Adoption of such a resolution by Council will support Golden's objectives by outlining specific steps toward the transportation goals. These steps would also be consistent with the city's overall sustainability initiative.

Alternatives: Any action by Council on this request is discretionary. This Resolution is scheduled for Council's consent action unless additional information is requested.

Recommendations: At their November 18th public meeting, CSAB voted unanimously to recommend that Council approve a resolution to join the GoEV Cities campaign.

RESOLUTION NO. 2771

A RESOLUTION OF THE GOLDEN CITY COUNCIL DECLARING GOLDEN A GoEV CITY AND PLEDGING TO ELECTRIFY THE TRANSPORTATION SECTOR.

WHEREAS, the petroleum-fueled transportation sector is now one of the largest sources of greenhouse gas emissions in the nation and is a contributing factor to air pollution and climate change, threatening the health of our community and the sustainability of our planet; and

WHEREAS, the Denver metropolitan area, including Golden, is classified as a serious nonattainment area for federal health-based standards for ozone pollution and the primary sources are oil drilling and motor vehicles fueled by oil; and

WHEREAS, the transportation sector needs support to move toward adoption of clean energy technology, including electric vehicles (EVs), that reduces our dependence on foreign fuels and supports a healthy environment and economy. The term “electric vehicles” includes Battery Electric Vehicles, Plug-in Hybrid Electric Vehicles, Hydrogen Fuel Cell Vehicles; and

WHEREAS, electrification of cars, trucks, buses and supporting the availability of electric bicycles where travelers would otherwise use a gas-powered vehicle is needed to achieve deep reductions in carbon pollution, and the benefits grow over time as utilities transition to higher levels of renewable energy; and

WHEREAS, Golden is dedicated to leading the use of clean energy, through its goals that promote energy conservation and alternative transportation options, including targets to achieve 100% renewable energy for electricity by 2030, achieve 20% fossil fuel-free transportation sector by 2030, 100% fossil fuel-free transportation sector by 2050 and reduce greenhouse gas emissions in alignment with the Paris Accord and electrifying the transportation sector is a necessary component for the City to meet these goals; and

WHEREAS, Golden has demonstrated leadership and a commitment to transportation electrification by installing 20 public EV charging stations and requiring all new multifamily and commercial developments to install Level 2 chargers.

THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GOLDEN, COLORADO:

The Golden City Council pledges to develop policies and strategies to meet the following transportation electrification objectives:

1. Improve transportation and social equity and extend the benefits of transportation electrification to low-income households and communities disproportionately affected by the harmful effects of air pollution.

2. Create a municipal fleet electrification plan by 2021 to include a phased approach to meet 100% of the City's fleet for electrification by 2030 and adopt an "EV First" philosophy for new vehicles with electrifying other vehicles as expeditiously as practicable. The City will develop a decision-making matrix to include the total cost of vehicle ownership, including fuel and maintenance costs, and the social cost of carbon in its vehicle procurement calculations. A citywide electrification master plan including regulations and incentives shall be created by 2023.
3. Transition to medium and heavy duty zero emission vehicles and off-road equipment as these vehicles become available in Colorado if they can fully support the needs of the departments operations and departmental budgets can accommodate both vehicle acquisition and the associated charging infrastructure.
4. Support the electric vehicle charging station infrastructure needed to accommodate the transition to electric vehicles considering the availability and sustainability of resources, council priorities and budget constraints.
5. Work with the Jefferson County School District and the Colorado School of Mines to develop a roadmap to zero-emissions electrification of all new transit and school buses by 2025.
6. Advocate for having the Regional Transportation District transition all bus routes within the city to zero-emission by 2030.
7. Work with other municipal partners and with shared fleets such as taxis, rideshare, and carshare companies to transition these shared fleet vehicles to full electric fleets by 2030.
8. Work with the community on programs, policies, incentives and regulatory approaches to transition 20% of all vehicles within the city to zero emissions by 2030, and 100% of all vehicles by 2050.
9. Develop partnerships with micro-mobility companies to promote the use of fossil fuel-free alternative transportation options such as electric bikes and bicycles.

Adopted this _____ day of _____, 2020.

Laura M. Weinberg

Mayor

ATTEST:

Monica Mendoza, CMC
City Clerk

APPROVED AS TO FORM:

David S. Williamson
City Attorney