

## **CYRIDE ADOPTION OF A CLIMATE ACTION POLICY STATEMENT AND GOALS**

**WHEREAS**, in December 2021, the City of Ames City Council committed to an 83% reduction in GHG emissions by 2030 and to reach net-zero by 2050;

**WHEREAS**, President Biden announced a goal to achieve 50% reduction of greenhouse gas (GHG) pollution by 2030 from 2005 levels.

**WHEREAS**, the Federal Transit Administration (FTA) acknowledged that public transportation plays an important role in reducing a community's transportation GHG emissions;

**WHEREAS**, transportation is one of eight (8) major contributors to greenhouse gas (GHG) emission from tailpipes;

**WHEREAS**, CyRide funded a zero-emission bus roadmap study in in March 2019 with the recommendation to deploy up to 17 battery electric buses within its current facility;

**WHEREAS**, CyRide has achieved LEED Gold building design certification by implementation of sustainable operating practices;

**WHEREAS**, the Ames City Council established a Climate Action Plan (CAP) Supplemental Input Committee charged with assisting in the CAP carbon reduction goal setting and CAP plan development by providing input and feedback;

**WHEREAS**, the Climate Action Plan (CAP) Supplemental Input Committee has met regularly with a focus on two key areas:

- Determine outreach strategies to engage others within the community sector and provide those ideas to the consultant guidance on Board-level policy for fleet procurement;
- Solicit, review, synthesize and present feedback from the sectors the members represent; and,

**WHEREAS**, the CyRide Transit Board approved its capital and operating budget on December 8, 2021 and approved zero-emission projects for bus fleet procurement.

**THEREFORE, BE IT RESOLVED** that the CyRide Board of Directors passes a Resolution as adopting a Climate Action Statement and Fleet Procurement Goals as follows:

CyRide recognizes the urgency in addressing climate change and is committed to reducing community greenhouse gas emissions by taking steps to maximize public transit ridership and support low-carbon active transportation modes. CyRide is also committed to reducing the greenhouse gas emissions and consumption of fossil fuels from our fleet of vehicles as quickly as possible in a financially and socially responsible manner. CyRide is committed to greatly reducing the use of fossil fuels in its bus fleet and facilities within its financial means by 2050 and will develop the following plans to achieve that goal.

**Goal 1 - Short-term (3-5 years)**

- Replace approximately 7% of the diesel bus fleet with battery electric buses (7 BEB)
- Operate the fleet with 2-10% biodiesel fuel to the maximum extent possible due to Iowa climate
- Expand the number of articulated buses (10) to maximize occupancy and reduce the number of buses on busy routes
- Invest in solar-powered bus shelters, as appropriate
- Expand nonrevenue support vehicles with E85, hybrid, or battery electric vehicles
- Maximize usage of Iowa State University cooling towers to heat and cool the CyRide facility

**Goal 2 - Long-term**

- Replace approximately 18% of the diesel bus fleet with battery electric buses (17 BEB) by 2050
- Research the ability to transition more of the fleet to zero-emission buses

**Goal 3 - Other considerations**

- Deliberate exploration of emerging alternative bus technology and fuels
- Joint community GHG emission reduction goals with partner jurisdictions, City of Ames, and Iowa State University
- Deliberate exploration of sustainable facility improvements to reduce GHG emissions, such as solar roof panels, renewable energy sources, and transitioning to LED lighting
- Market and promote public transit to maximize community ridership
- Encourage battery electric automobile usage for employees and visitors by installing multiple facility outlet chargers
- Program sustainable projects through the annual capital and budgeting processes

CERTIFICATION

The undersigned duly qualified President - Board of Trustees, acting on behalf of the Ames Transit Agency, certifies that the foregoing is a true and correct copy of a resolution adopted at a legally convened meeting of the Ames Transit Board of Trustees.



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(Signature of Recording Officer)

President, Board of Directors  

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(Title of Recording Officer)

February 23, 2022  

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(Date)