



March 10, 2023

TO: House Transportation Finance and Policy

FROM: Andrea Lovoll, Legislative Director, Minnesota Center for Environmental Advocacy

RE: HF 1346 (Kraft) EV Infrastructure

Chair Hornstein and Members of the Committee:

Thank you for your service to the people of Minnesota and for the opportunity to testify on HF 1346 (Kraft). Minnesota Center for Environmental Advocacy (MCEA) is a nonprofit organization with almost 50 years of experience using law and science to protect Minnesota's environment and the health of its people.

Electrifying vehicles is critical for achieving Minnesota's greenhouse gas emission reduction targets. Because transportation accounts for one third of total greenhouse gas emissions in Minnesota,¹ reducing emissions from this sector is critical to achieving our state's emission reduction targets and preserving clean air in our state.

One great way to reduce emissions from the transportation sector is to electrify our cars, trucks, and buses. Analyses MCEA conducted using the Minnesota Energy Policy Solutions simulator developed by Rocky Mountain Institute and Energy Innovation suggest that electrifying 100% of new light duty vehicles electric by 2035 and 100% of new medium and heavy-duty vehicles electric by 2040 would save 535 lives and reduce Minnesota greenhouse gas emissions by 189 million metric tons of carbon dioxide equivalents by 2050 (an amount equivalent to the emissions produced by 51 coal plants in one year).²

Clearly there is a lot to gain from increasing the share of electric vehicles on Minnesota roads. New tax credits for electric vehicle purchases will help increase demand for these vehicles, but adequate charging infrastructure remains a barrier to broader adoption. HF 1346 will address this barrier and facilitate the transition to the electrified transportation sector we know we need to save lives and meet state greenhouse gas emission targets.

Thank you,

Andrea Lovoll
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¹ Minnesota Pollution Control Agency Data Services. Jan 27, 2023. Greenhouse gas emissions data: Sources of 2020 emissions.

<https://public.tableau.com/app/profile/mpca.data.services/viz/GHGemissioninventory/GHGsummarystory>

² Energy Policy Simulator. 2023. <https://energypolicy.solutions/>