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April 28, 2025

Testimony of Christopher Bresee
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Before the Colorado Senate Transportation & Energy Committee

In Support of HB 25-1267

Good afternoon Chair Winter, Vice Chair Cutter, and members of the Senate Committee on Transportation and Energy. My name is Chris Bresee and I am a Director of State Government Affairs at the National Electrical Manufacturers Association (NEMA). I am here to speak in support of adoption of Colorado HB 25-1267. Thank you for your time and consideration.

NEMA is the leading trade organization representing America's electroindustry and manufacturers of EVSE products. Our more than 300 manufacturing companies include producers of reliable, connected, and secure products which are used throughout critical infrastructure sectors and other key markets, such as building infrastructure; building systems; lighting systems; industrial products and systems; utility products and systems; and transportation systems. NEMA members manufacture many of the products necessary to provide electricity to Colorado consumers and businesses, equipment that powers electric vehicles, and products that make buildings and homes more energy efficient¹. In Colorado, the electroindustry supports more than 21,000 jobs and creates more than \$2.9 billion in GDP contributions².

NEMA is strongly in favor of the efforts to deploy and sustain a nationwide electric vehicle charging infrastructure to support the increasing number of consumers who are choosing EVs. This deployment should strive towards standardization and interoperability and allow for communication and coordination between the vehicle, the charging station, and grid operator to maximize the benefit and convenience for vehicle owners, while not putting undue stress on the distribution system.

NEMA recognizes and supports the increased focus across states to provide uniformity in respective weights & measures laws, regulations, and standards to achieve equity between buyers and sellers in the marketplace and how this applies to public EV charging infrastructure. NEMA has been an active participant in the ongoing development and maintenance of the NIST Handbook 44: Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices. NEMA believes HB 25-1267 takes the first step in establishing uniform rules on electric vehicle charging by granting authority to the Department of Labor and Employment Division of Oil and Public Safety to establish rules.

NEMA is supportive of the Colorado Department of Labor and Employment Division of Oil and Public Safety establishing a program to ensure electric vehicle charging equipment conforms to certain standards. Best practices for implementing these have already been identified in the NIST Handbook 44 which sets a national standard for ensuring accuracy

and transparency of EV charging commercial transactions. Many other states have adopted the Handbook and some, including California, Vermont, Texas, and Michigan, have started to train staff to enforce Handbook 44.

NEMA supports HB 25-1267's clear definition of "retail electric vehicle charging". Electric vehicle charging is installed in both public and private spaces, and not distinguishing between requirements for maintenance and regulation of private chargers on single or multi-family properties, and requirements for public charging equipment, can lead to onerous and impractical regulation of charging equipment. NEMA supports the definition of "retail electric vehicle charging" present in HB 25-1267 for that reason, and urges this committee to leave the scope of this bill focused on those chargers.

NEMA also urges that private chargers not be subsequently put into scope of this type of rulemaking as the practical difficulties and costs of scheduling regular inspection of all private properties using an electric vehicle charger could significantly hamper the growth of electric vehicle charging infrastructure in Colorado.

NEMA believes the one year timeframe for enforcement of the rules after adoption is appropriate, and does not oppose that timeline.

NEMA greatly appreciates the work done by the legislature and the Department of Labor and Employment Division of Oil and Public Safety to develop this legislation. We look forward to working with the Division to help ensure effective and practical rules for retail electric vehicle charging in Colorado.

Thank you for the opportunity to provide testimony in support of HB 25-1267. I am happy to take any questions.

Best regards,
Christopher Bresee
Director, State Government Affairs
National Electrical Manufacturers Association (NEMA)

¹ Additional information about NEMA may be found at <https://www.nema.org/>.

² [Colorado Electroindustry Economic Report](#)