



Vermont Weights & Measures EVSE Program

Promoting Equity in the Marketplace



Inspection Program

We have begun testing and inspecting AC Level 2 Commercial EVSE that are available to the public

The inspections consists of 3 tests as specified in NIST Handbook 44

The frequency of inspection will depend on the initial test results and the resources of the W&M Program

- To begin with these devices will be tested and inspected annually

*We will be testing and inspecting DC Fast Chargers starting in 2025.

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Inspection Results

- 163 – AC Level 2 Devices Tested (237 Meters)
- 146 – Unique Locations
- 8% of tests were outside the 2% tolerance set out in NIST Handbook 44 (5% giving and 3% keeping)
- Range of Errors:
 - Giving 6%
 - Keeping 4%

Method of Sale Violations Kilowatt Hour

Energy is a product not a service.

“2.34.2. Method of Sale. – All electrical energy kept, offered, or exposed for sale and sold at retail as a vehicle fuel shall be in units in terms of the kilowatt-hour (kWh). In addition to the fee assessed for the quantity of electrical energy sold, fees may be assessed for other services; such fees may be based on time measurement and/or a fixed fee” from NIST HB 130 Uniform Regulation for Method of Sale of Commodities

Violations & Proposed Policy Enforcement Solution

- Minimum Charge Fee
 - ✓ Can charge a “Service Fee” but all metered power must be sold by the kWh
- Solely Charging by Time
 - ✓ Can only charge for time in addition to charging by the kWh

