

ELECTRIC VEHICLE FUELING SYSTEMS

NIST Handbook 44

The National Conference on Weights and Measures (NCWM) has adopted a Tentative Code for Electric Vehicle Fueling Systems. Every state has adopted the various codes contained in Handbook 44 which now includes the Tentative Code pertaining to Electric Vehicle Fueling Systems.

Tentative Codes are adopted to provide adequate time for field testing of the Tentative Code Requirements prior to adopting the requirements as a Permanent Code.

The code will require when it is adopted as a permanent code that specific basic consumer information will be issued on a printed or electronic receipt pertaining to each sale.

Consumer information in the Tentative Code requires stating on the customer's receipt the total quantity of energy delivered with the unit of measure, the unit price, and for systems capable of applying multiple unit prices for energy during a single transaction the start and stop time of each phase, the unit price applied during each phase and, the total quantity of energy delivered during each phase.

The Tentative Code also contains other technical and metrological requirements to protect consumers and to facilitate the testing and sealing of the systems.