



November 18, 2008

Electrical vehicle charging stations

Opportunity for public input:

Those who would like to provide public testimony may attend a public hearing on November 18, 2008 at 11:00 a.m. The hearing will be located at the Building Codes Division, Conference Room A. Written comments may also be submitted to the contact below. The last day to submit written comments is 5:00 p.m. November 21, 2008.

Purpose of the rule:

This proposed rule addresses the needs of an emerging electrical technology in Oregon by adopting a permit and inspection protocol for the installation of charging stations for electric and hybrid vehicles. This proposed rule provides guidance where the Oregon Electrical Specialty Code does not specifically cover this new technology while still providing safety to Oregonians.

This proposed rule would be effective January 1, 2009.

Citation:

Adopt: OAR 918-311-0065

History:

Oregon is experiencing an increasing use of electric and hybrid vehicles. As a result the division under, the Governor's sustainability agenda, is working to accommodate new advances in sustainable technologies. A pilot program has been established under this sustainability agenda to allow electric hybrid vehicle charging station installations in certain areas of the state. Once installed, vehicle owners will have access to convenient plug-in type charging stations. A temporary rule, adopted effective September 26, 2008, is currently in place implementing this proposed rule.

Live broadcast via the Internet:

This public hearing is being broadcast live at <http://bcd.oregon.gov/boards.html>

Contact:

If you have questions or need further information, please contact Hearing Officer Aeron Teverbaugh at 503-373-1354, or Aeron.Teverbaugh@state.or.us.



Secretary of State
NOTICE OF PROPOSED RULEMAKING HEARING*

A Statement of Need and Fiscal Impact accompanies this form.

Department of Consumer and Business Services, Building Codes Division 918
Agency and Division Administrative Rules Chapter Number

Shauna M. Parker PO Box 14470, Salem, OR 97309 (503) 373-7438
Rules Coordinator Address Telephone

RULE CAPTION

Establishes permitting and inspection procedures for electric vehicle charging stations.

Not more than 15 words that reasonably identifies the subject matter of the agency's intended action.

November 18, 2008 11:00 a.m. 1535 Edgewater Street NW, Salem, OR 97304 Aeron Teverbaugh
Hearing Date Time Location Hearings Officer

Auxiliary aids for persons with disabilities are available upon advance request.

RULEMAKING ACTION

Secure approval of new rule numbers (Adopted or Renumbered rules) with the Administrative Rules Unit prior to filing.

ADOPT: 918-311-0065

AMEND:

REPEAL:

RENUMBER:

AMEND & RENUMBER:

Stat. Auth.: ORS 455.065

Other Auth.:

Stats. Implemented: ORS 455.065

RULE SUMMARY

This proposed rule establishes a permitting and inspection protocol for electric vehicle charging stations. As part of the governor's sustainability agenda, the division is working to accommodate new advances in sustainable technology. The proposed rule addresses emerging technology, defining permit and inspection requirements for the installation of charging stations for electric vehicles.

The Agency requests public comment on whether other options should be considered for achieving the rule's substantive goals while reducing the negative economic impact of the rule on business.

Friday, November 21, 2008 by 5:00 p.m.

Last Day for Public Comment (Last day to submit written comments to the Rules Coordinator)

Mark Long
Signature Printed name Date

*Hearing Notices published in the Oregon Bulletin must be submitted by 5:00 pm on the 15th day of the preceding month unless this deadline falls on a weekend or legal holiday, upon which the deadline is 5:00 pm the preceding workday. ARC 920-2005

STATEMENT OF NEED AND FISCAL IMPACT

A Notice of Proposed Rulemaking Hearing or a Notice of Proposed Rulemaking accompanies this form.

Department of Consumer and Business Services, Building Codes Division

918

Agency and Division

Administrative Rules Chapter Number

Establishes permitting and inspection procedures for electric vehicle charging stations.

Rule Caption (Not more than 15 words that reasonably identifies the subject matter of the agency's intended action.)

In the Matter of: Adopting 918-311-0065

Statutory Authority: ORS 455.065

Other Authority:

Stats. Implemented: ORS 455.065

Need for the Rule(s): This proposed rule provides standardized installation requirements, permitting, and inspection standards, addressing barriers to new technology for electric vehicle charging stations presented by the OESC. This proposed rule enables the division to meet the increasing need of electric and hybrid vehicle owners in Oregon for convenient plug-in options in the state. The proposed rule addresses the emerging electrical technology involved in the implementation of a pilot project for electric vehicle charging stations. The pilot project is a result of the governor's agenda addressing climate control, sustainability, and positioning Oregon in the new "green" economy.

Documents Relied Upon, and where they are available: Electrical and Elevator Board minutes from September 25, 2008; and draft rules are available from the division's rules coordinator located at 1535 Edgewater Street NW, Salem, OR 97304 and are available on the division's Web site at: www.bcd.oregon.gov .

Fiscal and Economic Impact:

The department has determined this proposed rule is unlikely to have a fiscal or economic impact on state agencies, local government, members of the public, or small businesses.

Statement of Cost of Compliance:

1. Impact on state agencies, units of local government and the public (ORS 183.335(2)(b)(E)):

The department has determined that local governments and the public are unlikely to be impacted by the proposed rule. It is possible that there will be a slight impact on the building codes division when a special deputy is required to inspect emerging electrical products.

2. Cost of compliance effect on small business (ORS 183.336):

a. Estimate the number of small businesses and types of business and industries with small businesses subject to the rule: There are few if any small businesses that install electric charging stations at this point. The department has determined this proposed rule will not have a fiscal or economic impact on small businesses.

b. Projected reporting, recordkeeping and other administrative activities required for compliance, including costs of professional services:

There are no record keeping or other administrative activities, aside from general permitting, required by the proposed rule.

c. Equipment, supplies, labor and increased administration required for compliance:

These proposed inspection protocols do not require equipment or increased administration for compliance.

How were small businesses involved in the development of this rule? Small businesses are represented on the Electrical and Elevator Board which discussed and reviewed the rules at its September 25, 2008 meeting.

Administrative Rule Advisory Committee consulted?: No

If not, why?: The Electrical and Elevator Board reviewed and approved these rules. The board represents a wide segment of industry.

Mark Long

Signature

Printed name

Date

Administrative Rules Unit, Archives Division, Secretary of State, 800 Summer Street NE, Salem, Oregon 97310. ARC 925-2007

Electrical Vehicle Charging Station
Draft Rule: 9-24-08

918-311-0065

Electric Vehicle Charging Station Statewide Permit and Inspection Protocol

(1) To ensure a path for the emerging technology and enable the installation of charging stations for electric vehicles, the following permit and inspection protocols will apply throughout the state, notwithstanding contrary provisions contained in the Oregon Electrical Specialty Code.

(2) Building officials and inspectors shall permit and allow installation of an electric vehicle charging station that has a Building Codes Division's special deputy certification label without further testing or certification.

(3) Persons installing an electric vehicle charging station must obtain a permit for a feeder from the inspecting jurisdiction. No other state building code permit is required.

(4) The jurisdiction may perform up to two (2) inspections under the permit issued in subsection (3) above.

(5) Inspection of the installation is limited to examining the feeder for compliance with the following Oregon Electrical Specialty Code provisions:

(a) Overcurrent protection, per articles 225 and 240;

(b) Physical protection of conductors, per article 300;

(c) Separation and sizing of the grounding and neutral conductors, per article 250.20; and

(d) Provisions for locking out the breaker for maintenance, per chapter 4.

(6) For the purpose of this rule, the service, feeder, and charging station pedestal will be considered a single structure as defined by the Oregon Electrical Specialty Code. The structure's owner may opt to install a grounding electrode system to supplement lightning protection, but cannot be required to do so.

Stat. Auth: ORS 455.065

Stat. Implemented: ORS 455.065

Hist: BCD 16-2008 (Temp), f. & cert. ef. 9-26-08