

# ELECTRIC VEHICLE READY CODE PROJECT & STATE CHANGES

DRAC Meeting Update October 20, 2022

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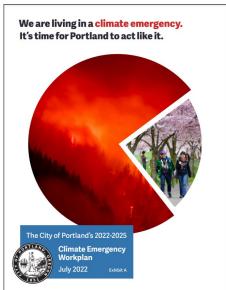
### **EV Ready Code Overview**

- Background & State Building Code Amendments
- Department of Land Conservation & Development (DLCD) – Climate Friendly Rulemaking
- Portland EV-Ready Code project



## **Background – Local / State Direction**

- Climate Emergency Work Plans / Declarations/ Strategy
- 2035 Comprehensive Plan / TSP
- HB 2180 / State Building Code
- DLCD Climate Friendly & Equitable Communities Rulemaking







Climate Emergency Declaration
One-Year Progress Report (Resolution No. 37494)
July 29, 2021







## **State Building Code**

### **Changes due to HB 2180**

- Requires 20% of parking spaces be made EV-ready (see next slide)
- Effective on 7/1/22
- Applies to parking provided for the following new development
  - Commercial buildings under privately ownership
  - Mixed-use buildings that have at least 5 dwelling units
  - Multi-dwelling buildings that have at least 5 dwelling units
- Located in OAR 918-460-0200



### State Definition of "EV-Ready Infrastructure"

#### State's compliance options include the following:

"Newly constructed buildings identified in section (2) are required to install electric vehicle charging station infrastructure consisting of a conduit system and at least one of the following options:

- a) Provision of building electrical service, sized for the anticipated load of electric vehicle charging stations, that has overcurrent devices necessary for electric vehicle charging stations or has adequate space to add overcurrent devices;
- b) A designated space within a building to add electrical service with capacity for electric vehicle charging stations; or
- c) A designated location on building property, in or adjacent to a landscaped area, for installing remote service for electric vehicle charging stations."



## DLCD – Climate Friendly and Equitable Communities Rulemaking

### Wide-ranging changes with EV component below

- Intended to augment State building code amendments
- Increases percentage requirement from 20% to 40% of parking spaces
- Applies higher ratio to following:
  - Mixed-use buildings that have at least 5 dwelling units
  - Multi-dwelling buildings that have at least 5 dwelling units
- Effective date 3/31/23
- Located in OAR 660-012-0410



## City amendments for EV-charging

### Highlights of proposal at 9/13 PSC Hearing

- Minimum EV-ready requirements for new development that has 5 or more dwelling units (50%, up to 100% for smaller parking lots)
- Development Standards for chargers and equipment
- Additional technical and clarifying amendments



## City amendments for EV-charging

### **Next Steps**

- 1. PSC amendments proposed 10/11
  - Allow 2-ft projection into perimeter landscaping
  - 2 technical amendments
- 2. PSC Vote anticipated 10/25
- 3. Recommended Draft and Findings released end of 2022
- 4. City Council Hearing 1/23
- 5. Hope to align with DLCD effective date of 3/31/23





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