



## Electric Vehicle Readiness

City of Tacoma | ES, PDS and TPU

City Council Meeting  
December 3, 2019  
ORD 28640



## BACKGROUND

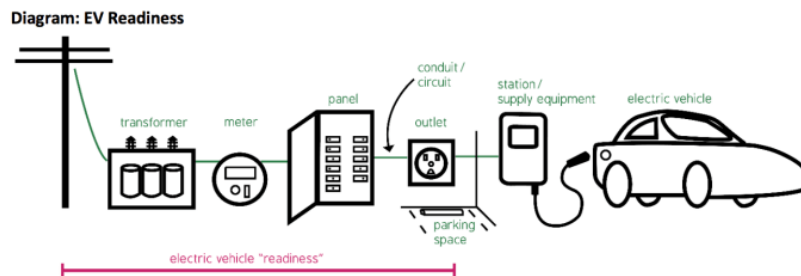


- Transportation sector accounts for 71% of greenhouse gas emissions in Tacoma.
- Electric vehicle market predicted to be 14% of U.S. market by 2025.
- Access to convenient charging critical for supporting growth.

## BACKGROUND



### What



### Why

- Vast majority of drivers charge at home and work
- Post-construction installation of electrical infrastructure more difficult and expensive (up to 5X cost of readiness)

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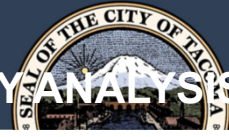
## PROPOSED REVISIONS



- **City Code Chapter 2.02.136**
  - Future-proofing with readiness increased from 5% to 10% in most buildings and 5% to 20% in multifamily buildings.
  - Applies to new construction and building additions requiring 10 or more new/additional parking spaces.

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## ●●● HEALTH, EQUITY & SUSTAINABILITY ANALYSIS



- No tailpipe pollution.
- Cost of electric charging per month is half (or less) of gas costs.
- Little to no vehicle maintenance costs.
- Multi-family tenants need convenient access to charging.
- Up to 5x less expensive to make EV ready during construction vs. retrofitting.

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