



# Electric Vehicle/Electric Ready Plans for Moving Forward After Survey

A briefing for the Resource Management Commission

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November 15, 2022

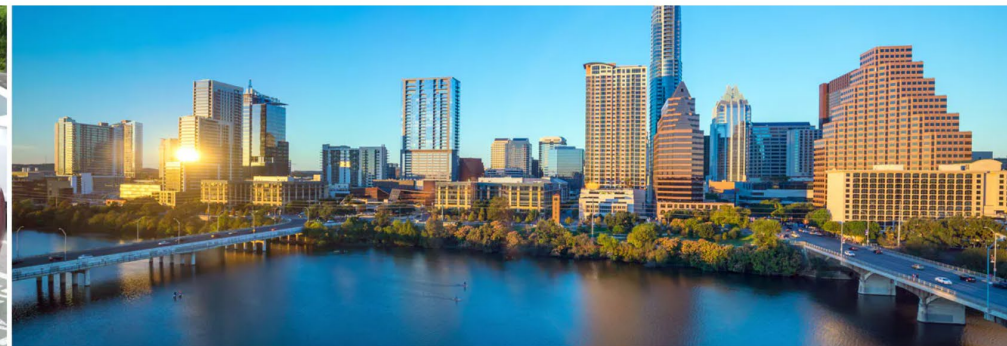
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# Surveys/Feedback Looked at 3 Areas

- **Policy**- to include codes, ordinances, City incentives
- **Education**- through Austin Energy programs
- **Austin Energy Programs**- rebates and incentives



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## Electric Ready & EV Ready Community Feedback



Thank you for participating in Austin Energy's recent public input process. The Electric Vehicle Ready and Electric Ready workshop recordings and survey results are now available.

As City of Austin staff considered adopting the 2021 International Energy Conservation Code, they determined that more time was needed to gather public input before adding local amendments addressing Electric Ready and EV Ready. The City committed to a more robust community discussion about potential ways to address these topics. A series of stakeholder engagement workshops and a survey were conducted in response to that commitment. Hosted on this page are the full survey results, links to each of the workshops, and a summary document of the public engagement process.

### Community Survey - Completed

Austin Energy conducted an outreach survey to gather community feedback and perspectives on potential future programs, incentives, and policies which support Electric Vehicle (EV) Readiness and Electric Readiness in the City of Austin. This feedback will help provide potential future policy and program direction for each. This survey is single-family centric but will also be used to inform commercial applications.

- EV Ready - the design and construction of a parking space with the necessary infrastructure, including conduit, wiring and any special circuitry needed to easily receive the installation of a Level 2 charger
- Electric Ready - the design and construction of residential or commercial buildings with the necessary infrastructure, including conduit, wiring and any special circuitry needed to easily receive the installation of all electric or dual fuel electric appliances (e.g., hot water heaters, stoves, HVAC)

Full survey results are available [HERE](#)

### Community Meetings - Completed

- Engagement Planning - March 10, 12:00PM - 1:00PM (video not available)

### Timeline

#### Community Meetings

Austin Energy will host three virtual meetings related to Electric Ready and EV Ready between March - May 2022.

#### Community Survey

Feedback survey will be published on this site for community members to provide input

#### Final report/data

Feedback survey results will be released

### Meeting Resources & Presentations

Engagement Planning Meeting - March 10, 2022

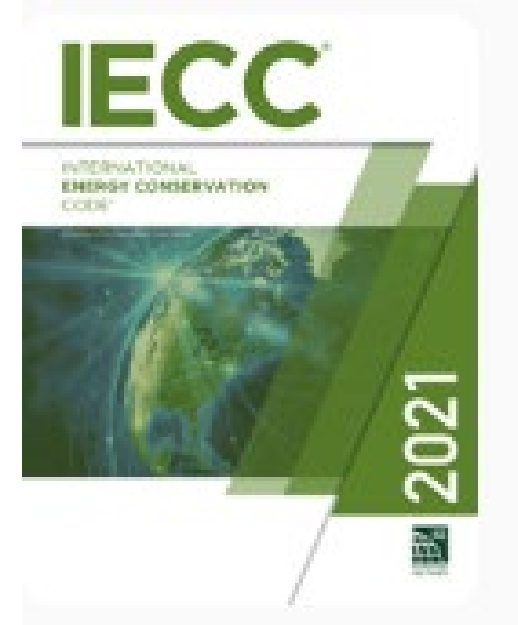
EV Ready Workshop - March 29, 2022

Electric Ready Workshop - April 6, 2022

# Policy

The overwhelming choice for driving policy to emerge from the survey and discussions is building code

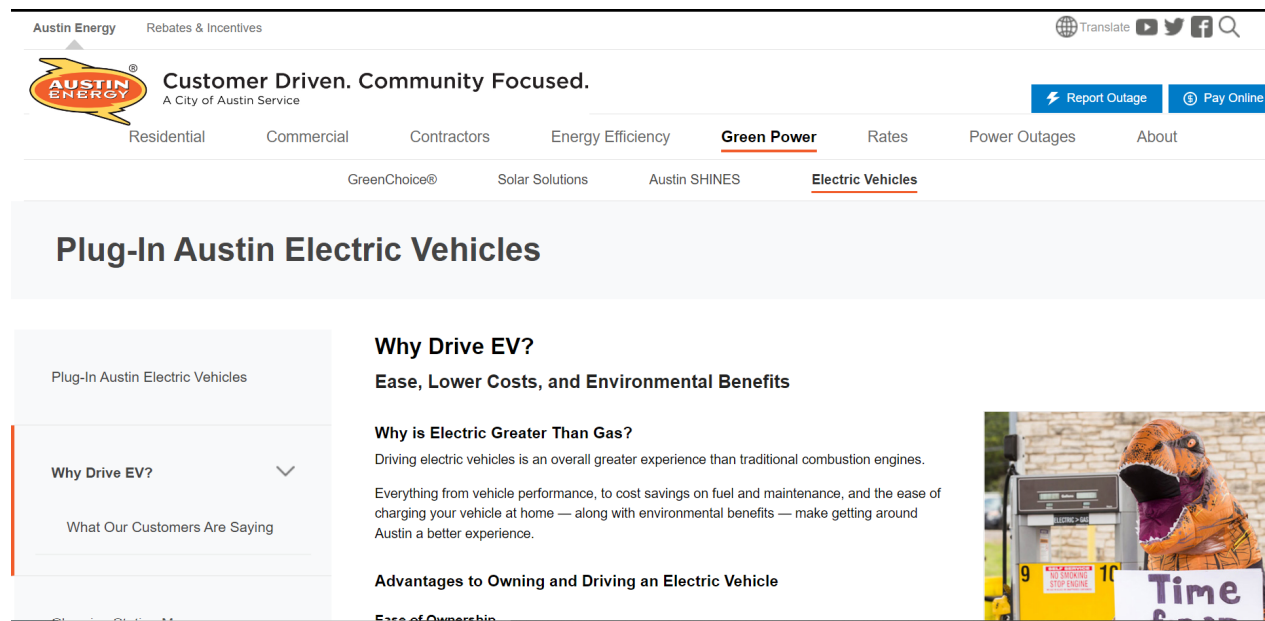
- It appears the 2024 International Energy Conservation Code (IECC) will include provisions for EV and Electric Ready
- The City is currently under the '21 IECC
- The City (through the Development Services Department) intends to adopt the 2024 body of International Building Codes
- Austin Energy Proposes to adopt EV/Electric Ready code through adoption of the 2024 IECC as part of the broader City adoption of the 2024 body of International Building Codes



# Education

Shortcomings identified ranged from a lack of definitions for EV & Electric Ready to awareness of the benefits and costs associated with these energy transition concepts

- Austin Energy will promote furthering education and information available to customers in a variety of areas regarding EV and Electric Ready



# Programs

Output from public engagement indicated significant demand for expanded programming to support adoption of electric appliances for both new and existing construction

- Availability and affordability of electric ready options were pointed to as barriers to adoption
- Surveys indicated interest in broader technology options to include heat pumps, heat pump water heaters, smart electric panels and hybrid (fuel) climate control systems
- Austin Energy will pursue expanded program offerings and budget in support of electric ready technologies/adoption



# Other Activities In Support

There are a number of funding initiatives that allow an opportunity for leveraging federal dollars in support of EV/Electric Ready

- Inflation Recovery Act (IRA)
  - Significant funding, \$386Bn nationwide, targeting energy and climate, and includes...
    - \$161 Bn for clean energy credits
    - \$37 Bn for energy efficiency incentives
    - \$36 Bn for clean fuel and vehicle credits
  - Funding will be coming through a number of channels to include state and federal grants
- National Electric Vehicle Infrastructure (NEVI)- mostly corridor charging for Texas
- Austin Energy is currently convening teams to evaluate and apply for these funding opportunities





## Path Forward

- Adopt EV/Electric Ready provisions through adoption of the 2024 IECC
- Additional outreach and education about the benefits of EV/Electric Ready
- Expand program offerings and incentives for EV/Electric Ready
- Aggressively pursue IRA funding opportunities