

Select CES Portfolio Briefings

for the April 2023 RMC meeting

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CES General Direction

Focus of CES related activities for FY24

- Carbon reduction, affordability, system reliability, resilience
- Leading with equity
- Pursuit of grant funding
- Continued push for transportation electrification and low-carbon customer choices



Weatherization Assistance

Expansion of Key Programs

Leverage grant funding

Include additional appliances like heat pump water heaters and HVAC

Customer Access

Customers on the Medically Vulnerable Registry

Appliances

Pursuit of grant funding for appliances through programs

Multifamily

Continue growth of investment in this sector



Contractor and Customer Education

Expanded Training

Expanded residential contractor training for heat pumps/HVACs

Marketing and Education

Promoting available incentives and rebates for energy efficiency and weatherization measures
Virtues of electric appliances

Small Business

Better training of contractors with new technologies



Demand Response

1. Behavioral Demand Response (BDR) for residential
2. Water heater timers
3. Upgrades to Power PartnerSM program
4. Increase the commercial demand response and commercial demand response integration incentives



Austin Energy Green Building RMC Briefing



Austin Energy Green Building FY22 Summary

Demand savings – **37.1 MW**

Electricity savings – **85,095 MWh**

Natural Gas savings – **120,066 ccf**

Solar PV generation – **1,684 MWh**

CO₂e savings – **29,726 metric tons**

Water savings – **147,117,139 gallons**

Construction Waste diversion – **1,884,658 tons**

Equivalent Impacts:

Electricity use of **8,251 avg homes**

Water use of **2,000 avg homes**

Trash collection of **2,847,989 avg homes**

CO₂e reduced by **36,251 acres of US forests**

in one year

Single Family Rating

1,034 homes

417 Austin | 617 Extended Area

Multifamily Rating

17 projects

2,787 dwelling units | 2,986,320 sq. ft.

Commercial Rating

28 AEGB rated projects | 1 LEED certified project

1,143 dwelling units | 6,333,681 sq. ft.

Integrated Modeling Incentive

Completed Projects 1

Active Projects 6



FY22 Highlights

Community Outreach

AISD Bond Projects Celebration
Austin Energy Headquarters Celebration
Austin Green Awards
AIA Austin Homes Tour
Green by Design Webinars
Professional Development Webinars
eLearning Pilot Launch
Outreach Surveys
SpeakUp Austin

- AEGB Commercial Rating Updates
- Electric Ready/EV Ready
- Mechanical Ventilation Testing Best Practices

Outreach Metrics

Seminars – 7 webinars | 299 avg registration
Email – 88K sent | 29.2K opens
Website – 7.7K new users | 21.7K page views
Paid Social – 63K impressions | 323 clicks
Print – 307K reached
eLearning Pilot – 4 courses | 49 learners
Outreach Surveys – 3 targeted markets
Public Engagement – 3 campaigns



AISD Bond Projects Celebration



AEHQ | 5-star | LEED Platinum | AGA Award



AGA Awards



AIA Austin Homes Tour | 5-star



AIA Austin Homes Tour | 5-star

Austin Energy Green Building Goals and Initiatives

Residential Ratings Update

Incorporate working group recommendations on healthy materials
 Embodied carbon measures to support the Climate Equity Plan
 EV readiness as a basic requirement

Energy Conservation Code

Continue direct involvement in development of the 2024 International Energy Conservation Code

Continued Research

Embodied carbon research with the University of Colorado

Ratings Data

Ratings data integration development

FY 2023 Goals	Participants	MW	MWH
GB-Single Family Ratings- extended area (units)	500	NA	NA
GB-Single Family Ratings- AE area (units)	751	0.40	847
GB-Multifamily Ratings (units)	6,592	2.20	5,828
GB-Commercial Ratings (1,000 sq.ft.)	9,900	8.80	22,524
GB-Integrated Modeling Incentive (1,000 sq.ft.)	544	0.46	1,799
GB- Energy Code		27.38	63,721



Solar RMC Briefing



Community Solar, Retail Energy Storage Programs

	Q1 FY23	Q2 FY23	Q3 FY23	Q4 FY23	Q1 FY24	Q2 FY24	Q3 FY24	Q4 FY24	Q1 FY25	Q2 FY25
Program Intake Improvements	Customer Journey Mapping	Improve customer intake/waitlist processes (make more scalable)		Identify Sites	Develop and post RFP	Review + award project(s)	Project Implementation (design, permitting, construction)			
Municipally-Sited RFP			Identify Sites	Develop and post RFP	Review + award project(s)	Project Implementation (design, permitting, construction)				
Resilience Hubs RFP			Develop and post RFP	Review + award project(s)	Project Implementation (design, permitting, construction)					
Austin Resource Recovery RFP		Develop valuation			Stakeholder Review	Project Implementation (design, permitting, construction)				
Standard Offer			Develop program framework			Rollout Offering				
CRS Flat Incentive		Develop Program	Stakeholder Feedback	Implement Program Infrastructure						
EES DR Offering			Hire DR Manager	Develop Program Concept	Stakeholder Feedback	Implement Program Infrastructure				



Electrification/EVs RMC Briefing



Charging Infrastructure

Continue to Grow and Manage

28,162 Registered EVs

Plug-In EVerywhere™ Network

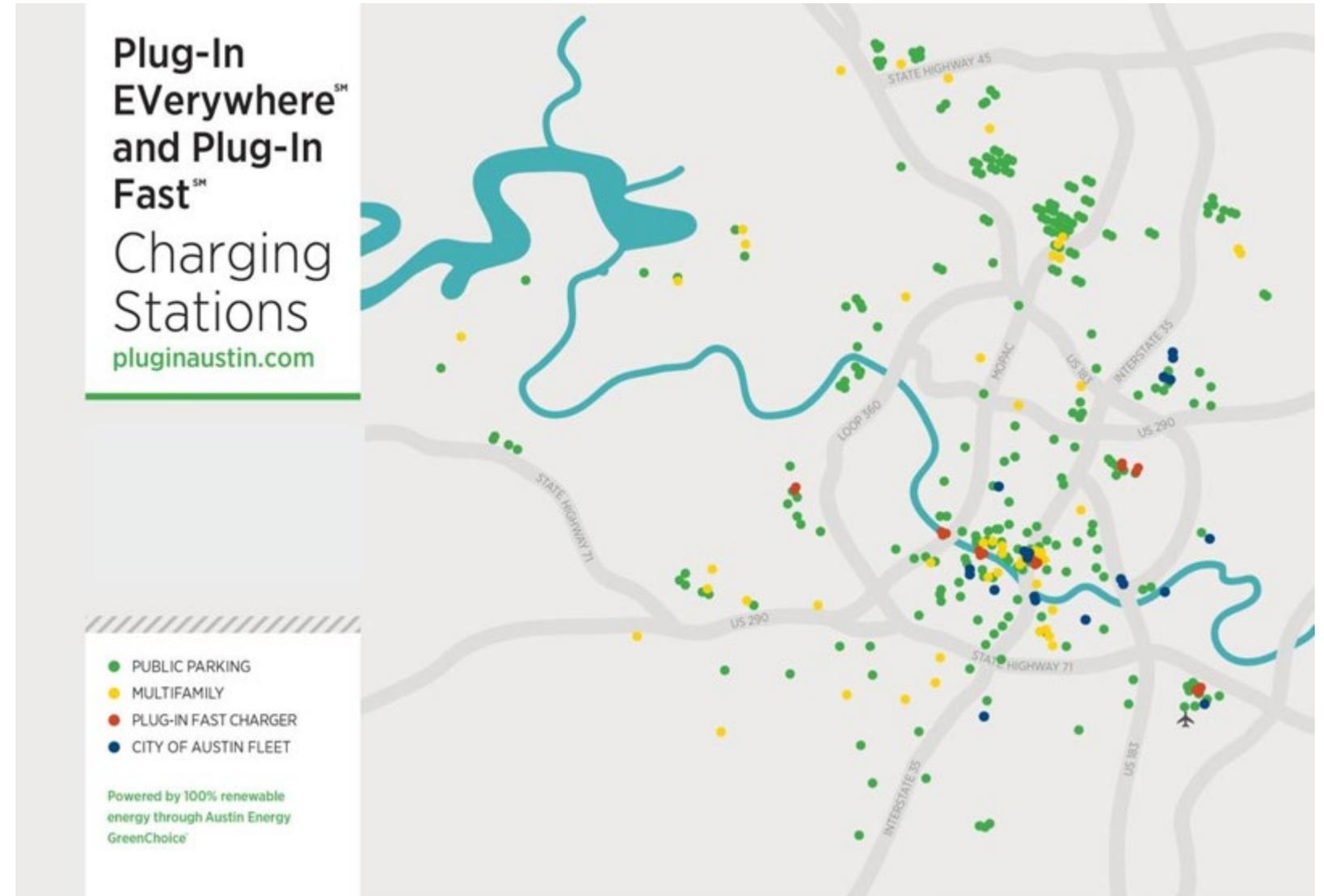
- 1500+ Level 2 charging ports managed by Austin Energy
- 30 DC Fast Chargers

Rebates and Incentives for EV Charging

- Rebates for commercial retail, workplace, and multifamily properties
- Rebates for home charging

City of Austin Fleet Electrification

- Installing dedicated charging infrastructure to support COA fleet (280+ vehicle in the fleet to date)



Equity and Affordability

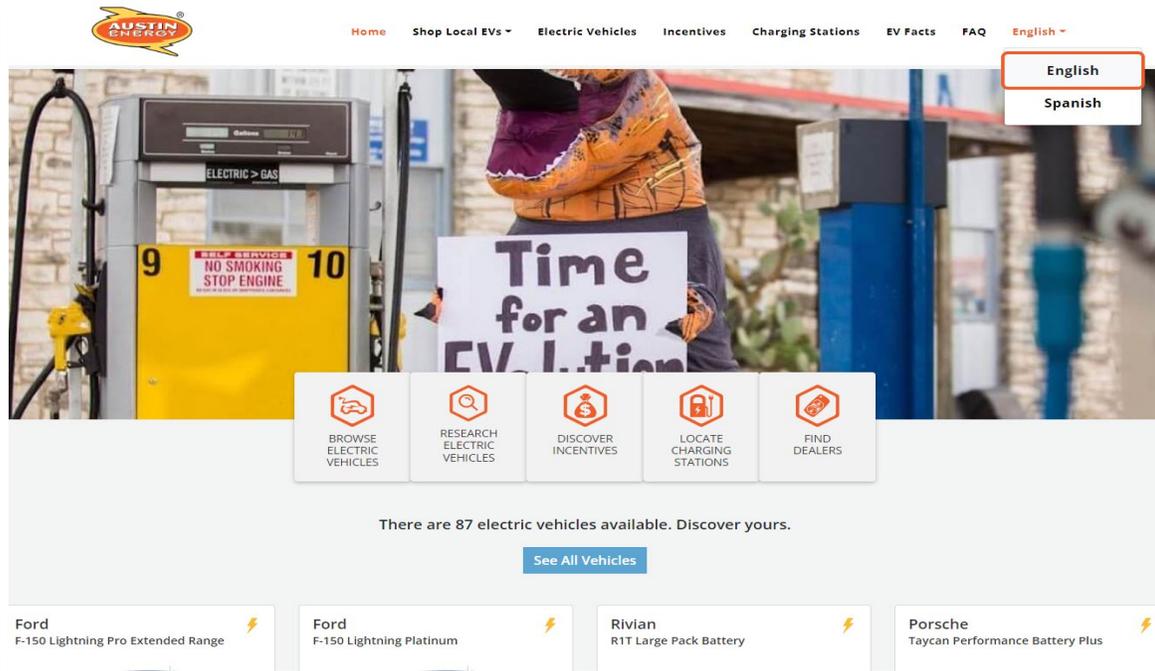
EVs are for EVeryone: Provides electric vehicle outreach and education, program development and deployment with a focus on marginalized communities

Goal: Create a future of mobility that is equitable, affordable, and accessible while helping the environment.

- EVs for Schools: EV charging installed and bilingual curriculum developed. Pilot schools prioritized with high population of economically disadvantaged students at Title I schools.
- Expansion of charging at multifamily: 85+ multifamily communities have charging including affordable housing properties.
- Launched increased eBike rebate with added incentive of up to \$1,300 for Customer Assistance Program customers.
- 200+ e-bike access and safety trainings for underserved community members.



Community Outreach & Education



EV Buyers Guide

- 79,887 unique visitors to the EV Buyer's Guide in 2022
- 33% increase in new users from 2021
- 85% of visitors are new users to the sight
- Available in English and Spanish



Electrify Expo

- Austin Energy was sole/featured utility sponsor
- EV brands brought an average of 8 vehicles each and maxed out daily reservations.
- By the numbers:
 - 13,411 attendees
 - 4,232 In-vehicle experiences
 - 10,695 Micro-mobility demos

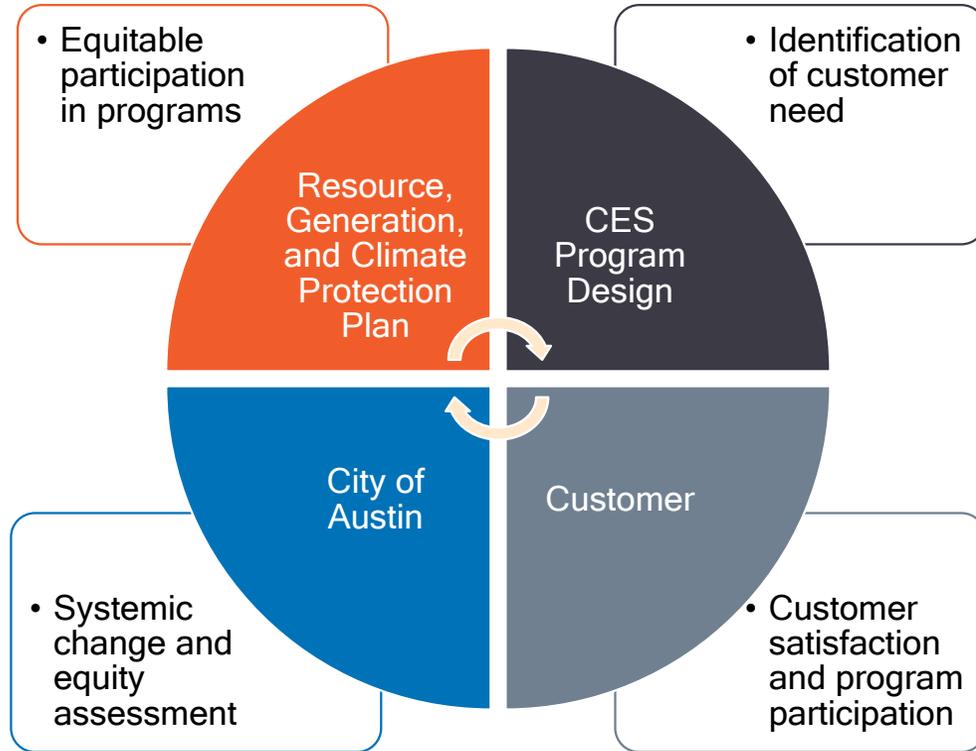


Equity Update RMC Briefing



Project Overview

Drivers



Contract was approved by council on July 30, 2021

Project Start September 2021

Contract Extended to February 2023



Next Steps



Feedback from Adisa



Logic Model Training Scheduled (End of March 2023)

Review actionable feedback from Adisa

Select appropriate goals and outcomes to meet the requirements of outlined in the Resource Generation Plan



Selection of Action Items



Present Action Plan to EUC and RMC



**Customer Driven.
Community Focused.**

