

# Select CES Portfolio Briefings

for the April 2023 RMC meeting

Richard Génecé

Vice President, Customer Energy Solutions



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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 Partner<sup>SM</sup> 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**

CO<sub>2</sub>e 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**

CO<sub>2</sub>e 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

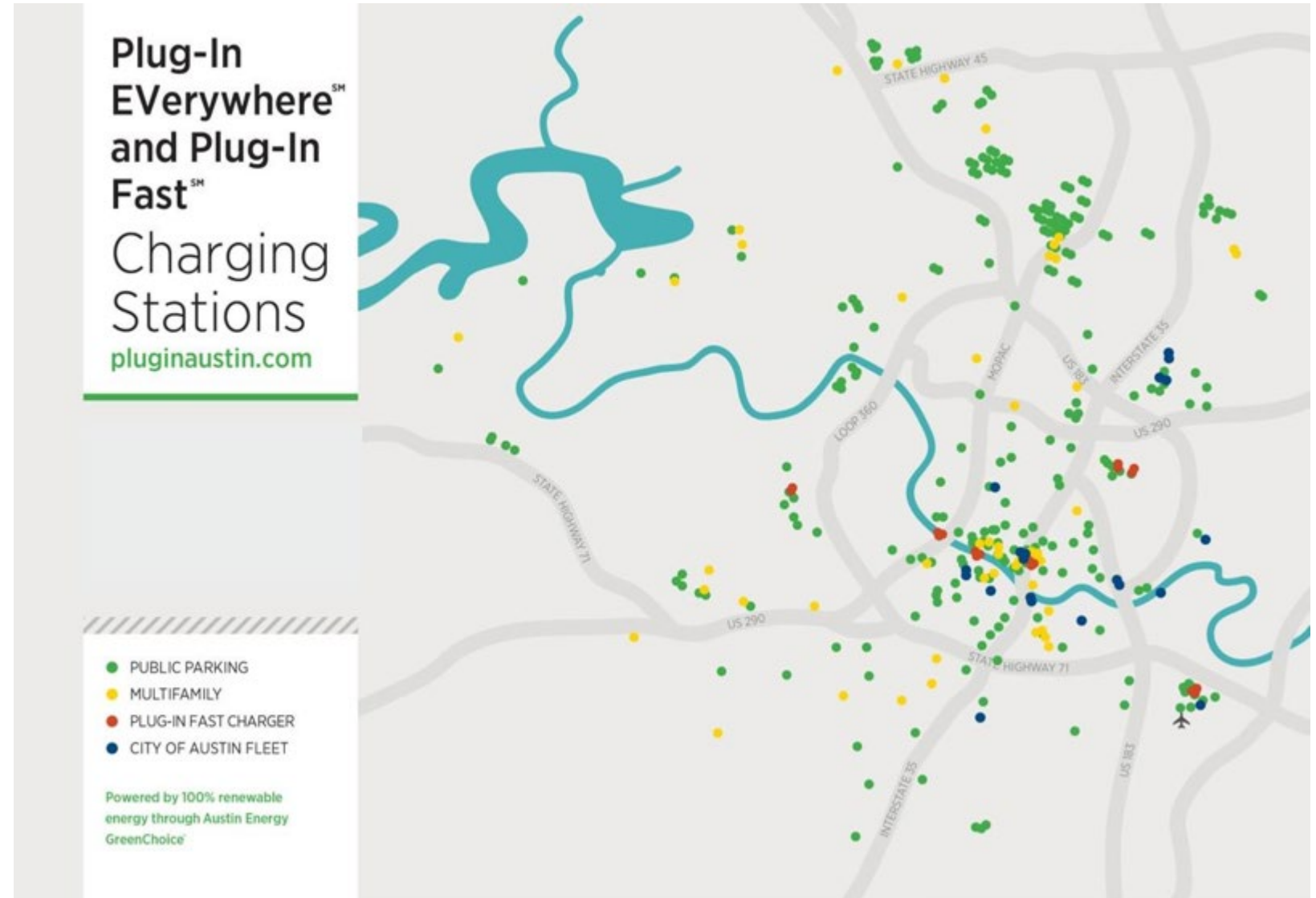
- 1500+ Level 2 charging ports managed by Austin Energy
- 30 DC Fast Chargers

### 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

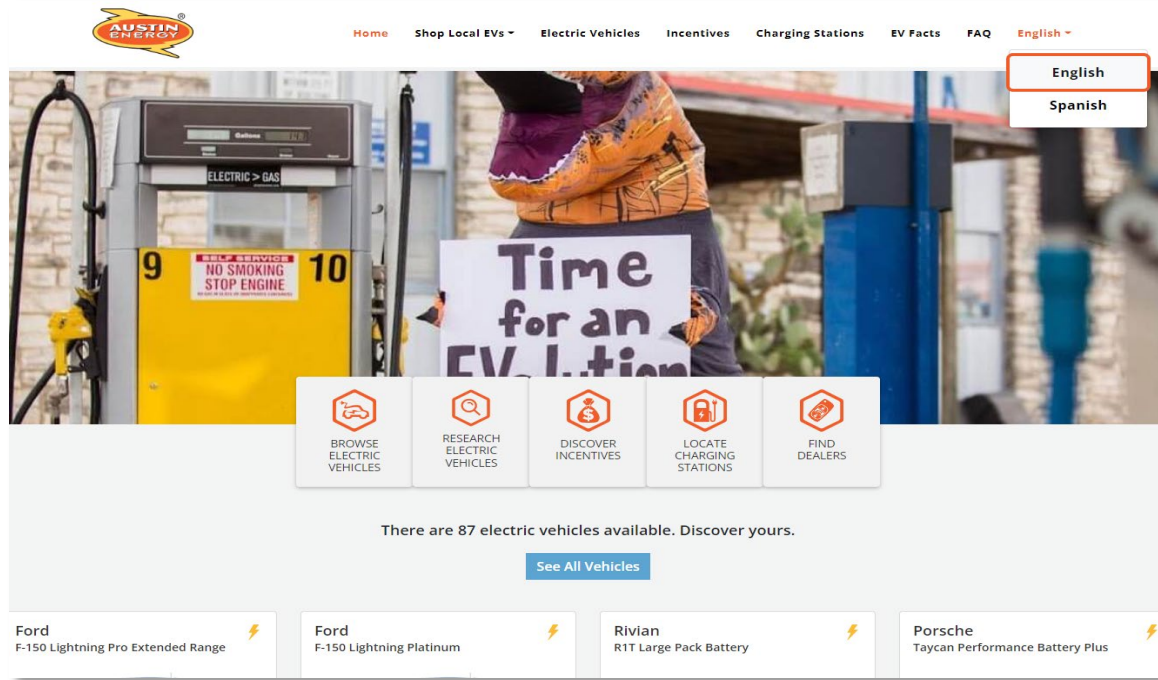
Goal: Create a future of mobility that is equitable, affordable, and accessible while helping the environment.

- 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



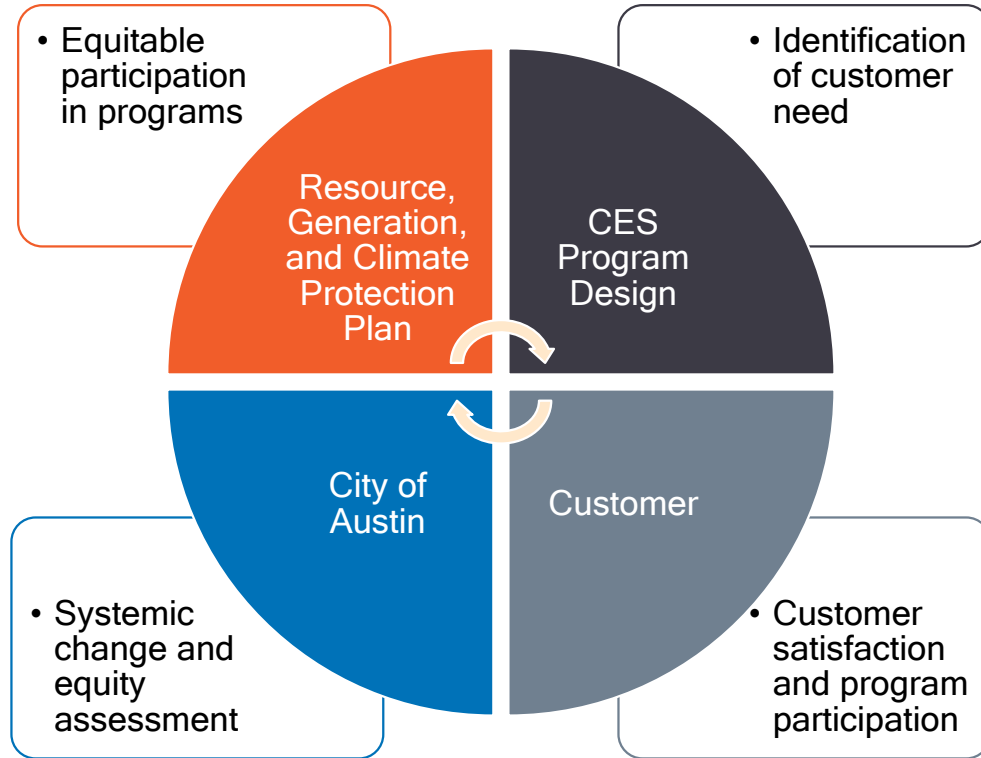
# Equity Update RMC Briefing





# 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.**

