

Electric Vehicles and Emerging Technologies

FY22 Annual Report

Another benchmark year in Austin's EVolution toward electrified transportation.

Prepared by: Lilly Justman & Lindsey McDougall



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FY 2022 Overview



The new Austin Energy Headquarters offers 34 Level 2 Plug-In Austin charging ports for employee and visitor electric vehicles

Another benchmark year for Austin EVs

The electric vehicle EVolution is growing in Austin, and Austin Energy continues to build awareness and enthusiasm in the community as we explain that now is the time for all customers to feel empowered to say goodbye to gas vehicles and embrace *Electric > Gas*.

Industry continues taking note by recognizing Austin as a top 3 city in the nation to own an EV! The EVolution to go electric is in full swing in Austin, Texas!

EVET team members Amy Atchley and Lilly Justman talk all things electric to hundreds of community members at Housing Authority of the City of Austin Mayfest



Dozens of children received backpacks and learned about EVs from StEVie at Austin Energy's Build a Backpack event at City Hall!



EVs by the Numbers

30

DC Fast Charging Stations

1453

Plug-In Austin
Charging Ports

26,389

EVs Registered
in Austin



11.8%

of New Registered Cars are EVs

100%

StEVie Factor



419,367

EV Buyers Guide Views

Austin Energy's "5 EV Pillars Strategy"



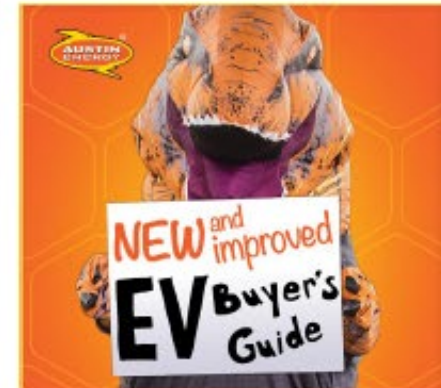
Charging
Infrastructure



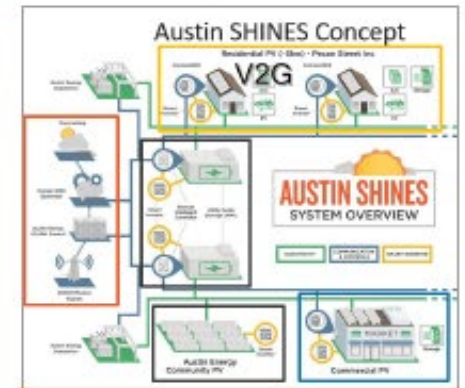
Equity &
Affordability



Fleets &
New Mobility



Outreach &
Education



Grid Integration



Electric Vehicles & Emerging Technologies Team

STRATEGY, PILOTS & EMERGING TECHNOLOGY

- DER Roadmap
- Policy Support



TEAM MANAGER

- Facilitator for Innovation

Karl Popham

OPERATIONS

- Network Management
- Rebates & Enrollments
- Customer Support



Cameron Freberg

PROJECT MANAGEMENT

- DC Fast Deployment
- Fleet Consultation

COMMUNITY ENGAGEMENT

- Outreach Events & Campaigns
- Equity & Inclusion



Nathan Richardson



Lindsey McDougall



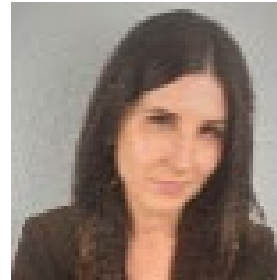
Lilly Justman



Shems Duval



Clay Wilson



Amy Atchley



Bobby Godsey



Michelle Duval



Olivia Cardona



EVET Team Speaks on Conference Circuit

EVET Team represented Austin Energy at over 30 in person speaking events, ranging in topics from 'How Utilities are Approaching the Charging Revolution' to 'Equity Programs in Transportation Electrification'



Lindsey McDougall speaking at Energy Thought Summit on 'Plug & Play EVs' panel



Bobby Godsey & Amy Atchley presenting on Equity in Mobility at MOVE 2022



Austin Energy GM Jackie Sargent accepting the ETS 2022 'Thought Leader of the Year' award presented by Karl Popham



Nathan Richardson presenting 'Making EVs Accessible to All' at Fully Charged in San Diego



Electrify Expo & Austin Auto Show

Electrify Expo

- 21,150 attendees
- 17,695 total EV and E-bike test drives

Austin Auto Show

- 7,500 attendees
- Austin Energy introduces an engaging and educational presence at the show



EV Programs



Plug-in Austin!

Plug-In Austin is Austin Energy's public EV charging network.

Austin's EV drivers can charge at 1,453 local Level 2 stations for only \$4.17 a month, and at 30 Plug-in Fast, DC fast chargers for \$0.21 per minute.

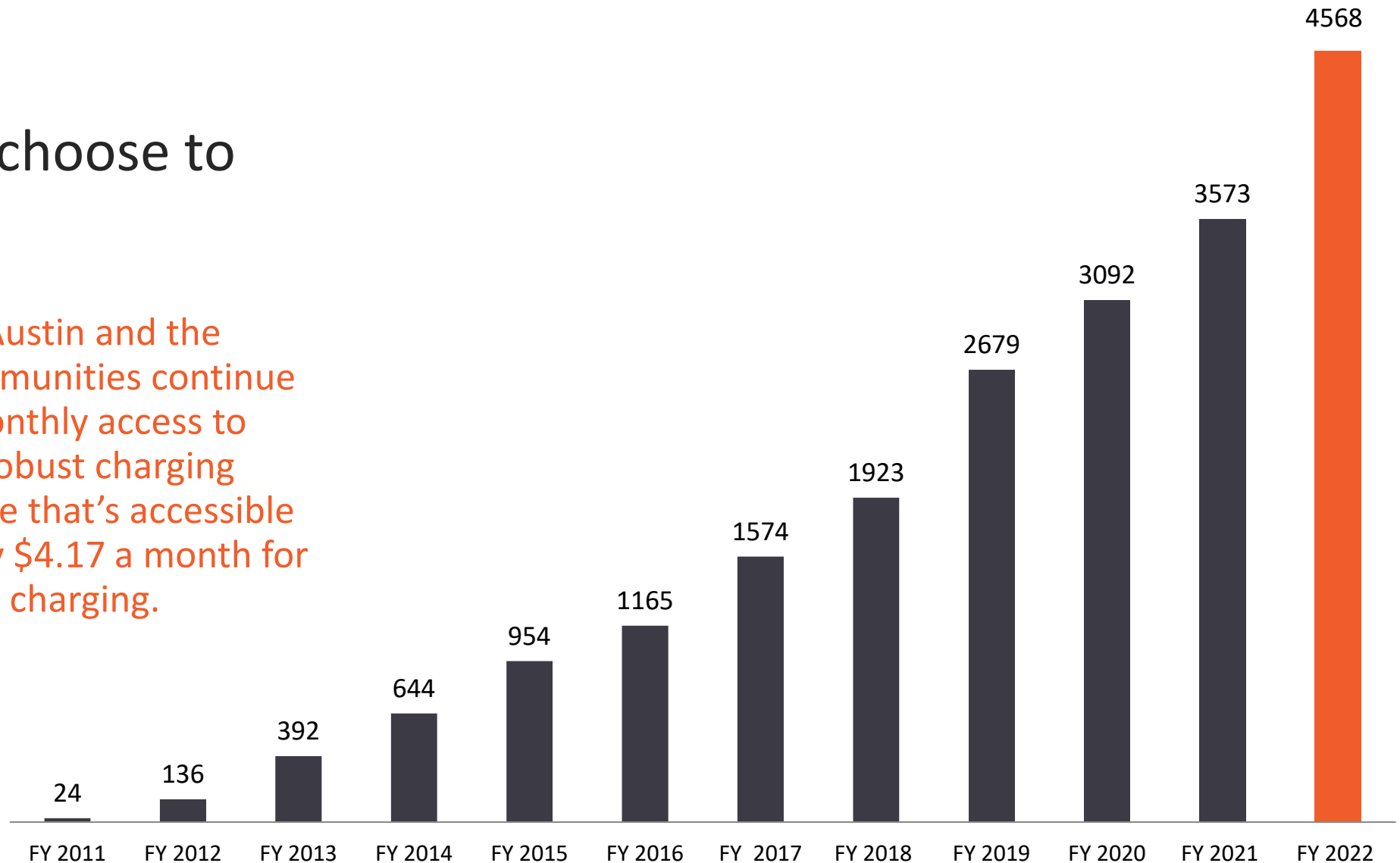
Austin Energy is keeping electric vehicle drivers energized with the deployment of seven new fast chargers at 811 Electric Drive, bringing the total number at this location to eight.



Cumulative Plug-In EVerywhere Driver Subscriptions

Customers choose to “Plug-in”

EV drivers from Austin and the surrounding communities continue signing up for monthly access to Austin Energy’s robust charging network at a price that’s accessible to Everyone, only \$4.17 a month for unlimited Level 2 charging.



Plug-In EVerywhereSM and Plug-In FastSM Charging Stations

pluginaustin.com

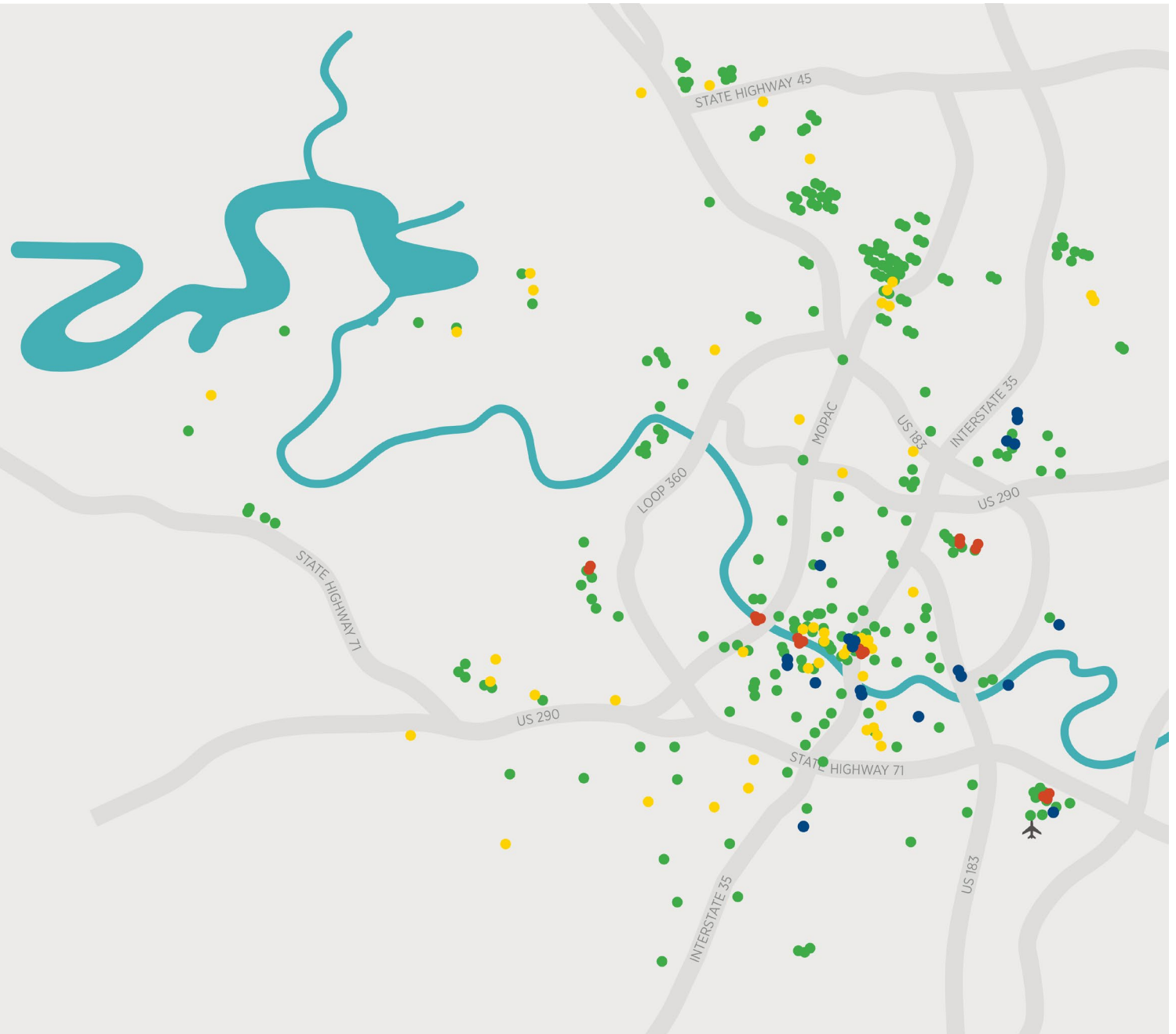
\$4.17/month

Unlimited access to over
1,400+ Level 2 charging ports

Plug-In Fast costs \$0.21/minute

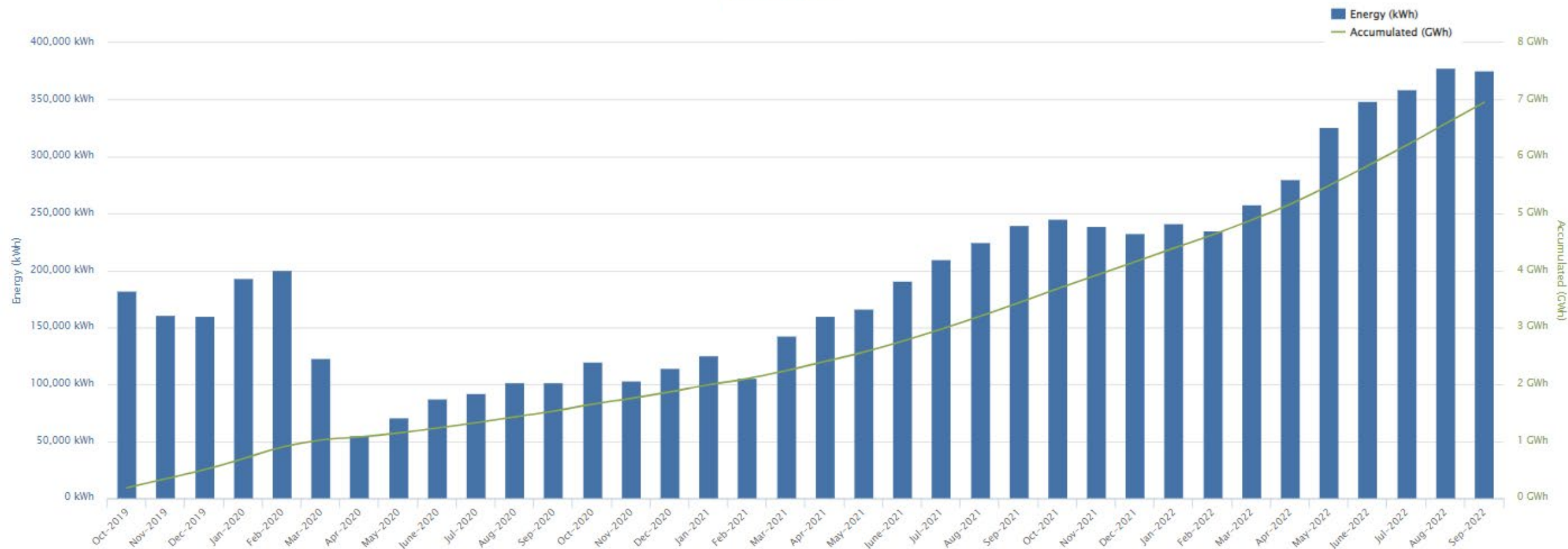
- PUBLIC PARKING
- MULTIFAMILY
- PLUG-IN FAST CHARGER
- CITY OF AUSTIN FLEET

Powered by 100% renewable
energy through Austin Energy
GreenChoice[®]



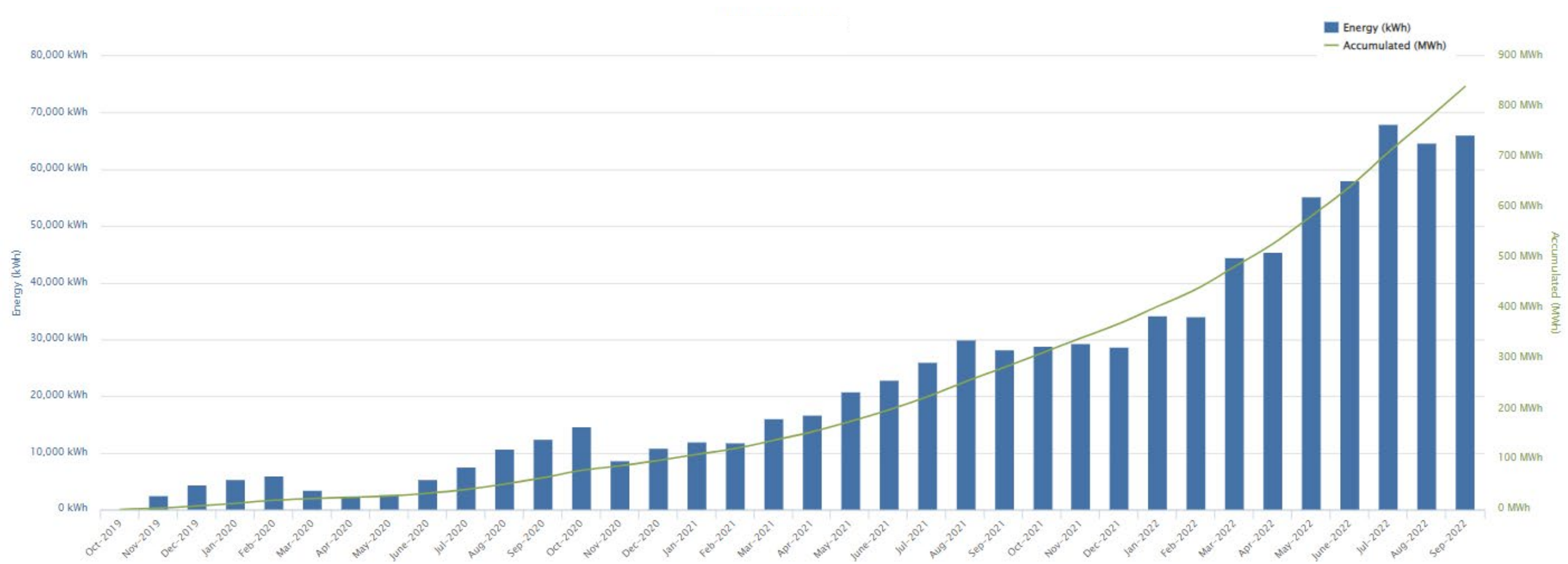
Plug-in Everywhere Energy Usage

Level 2 Charging Stations



Plug-in Fast Energy Usage

DC Fast Charging Stations



Plug In Austin and Independent Charging Station Rebates

Austin Energy now offers two rebate programs for multifamily & commercial customers

- **Independent Station Rebate**
 - New program with more charging station options
- **Plug-In Austin Station Rebate**
 - Updated program includes a partnership with Austin Energy and inclusion in 1400+ charging station network powered by 100% renewable energy

Both Program applications now offered on an online platform

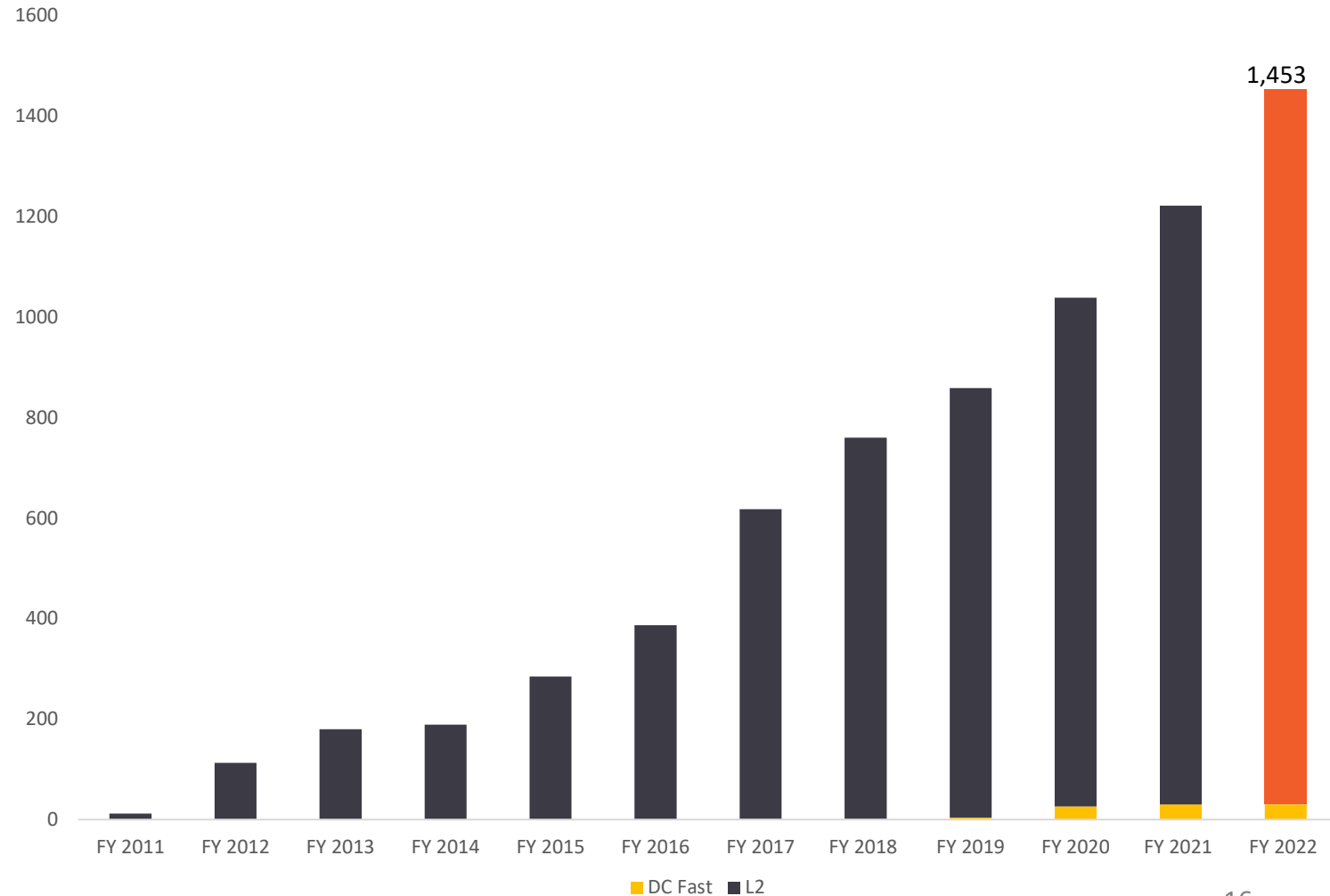


New Austin Energy branding insert added to Plug-In Austin stations

Cumulative Charging Station Port Installations by Year

Station host partners make it possible

Austin Energy's "Plug-in Austin" charging network is made possible through partnerships with community station hosts throughout the city. These hosts increase access to charging for EV drivers while shopping, at work, or at home in participating apartments and condos, adding to the stations Austin Energy has deployed as well.



Home Rebates

Austin residents get a rebate for a faster charger!

Austin Energy offers EV owners a rebate of up to 50% of the cost of installing a Level 2 charger at home.

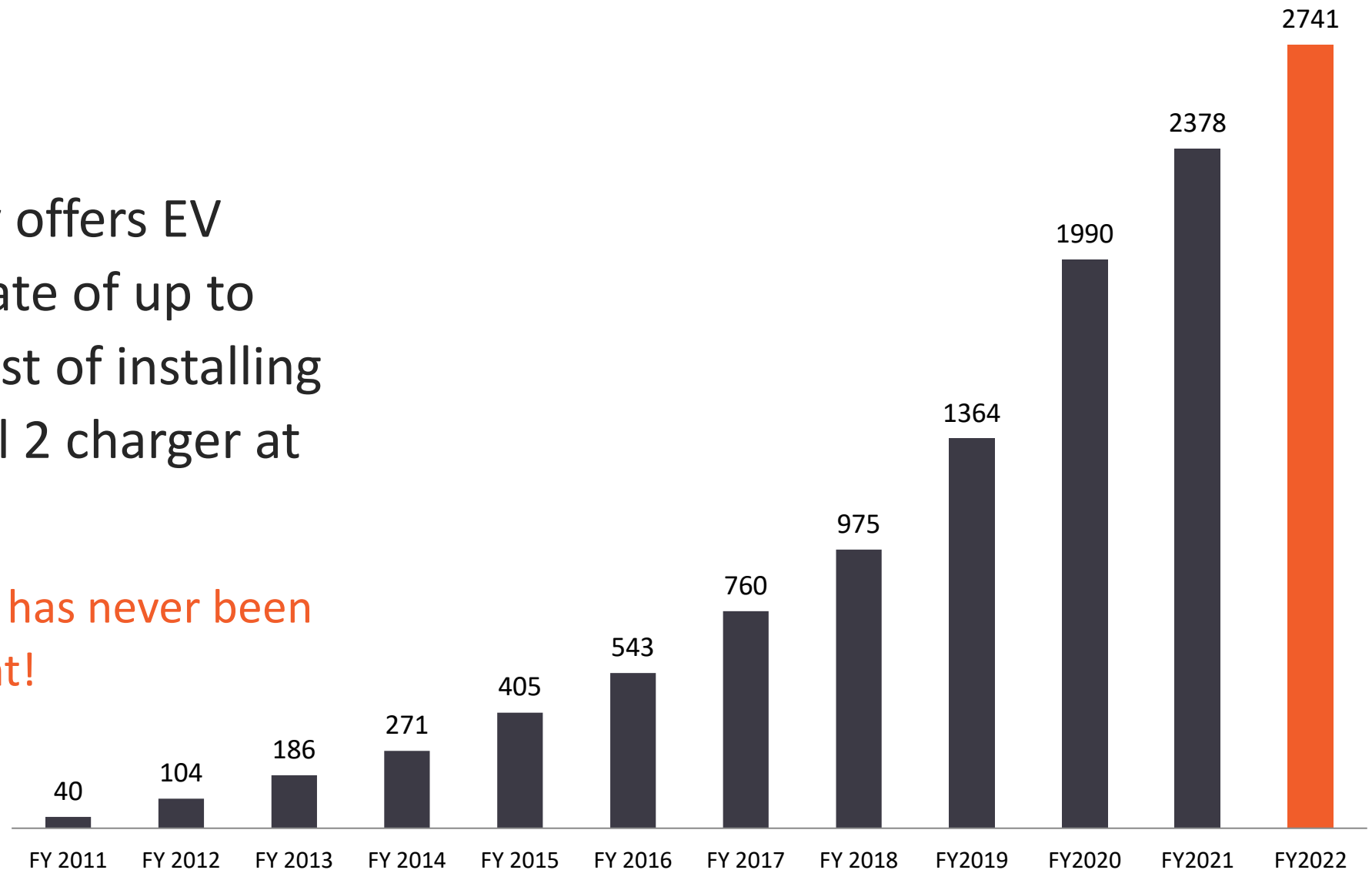
Level 2 charging is three to seven times faster than charging with a regular wall outlet.



Cumulative Home Charging Station Rebates

Austin Energy offers EV owners a rebate of up to 50% of the cost of installing a (240V) Level 2 charger at home.

Fueling up a car has never been more convenient!



EV Adoption

Austin Energy is working with local auto dealerships to help Austinites interested in EVs learn more about locally available vehicles.



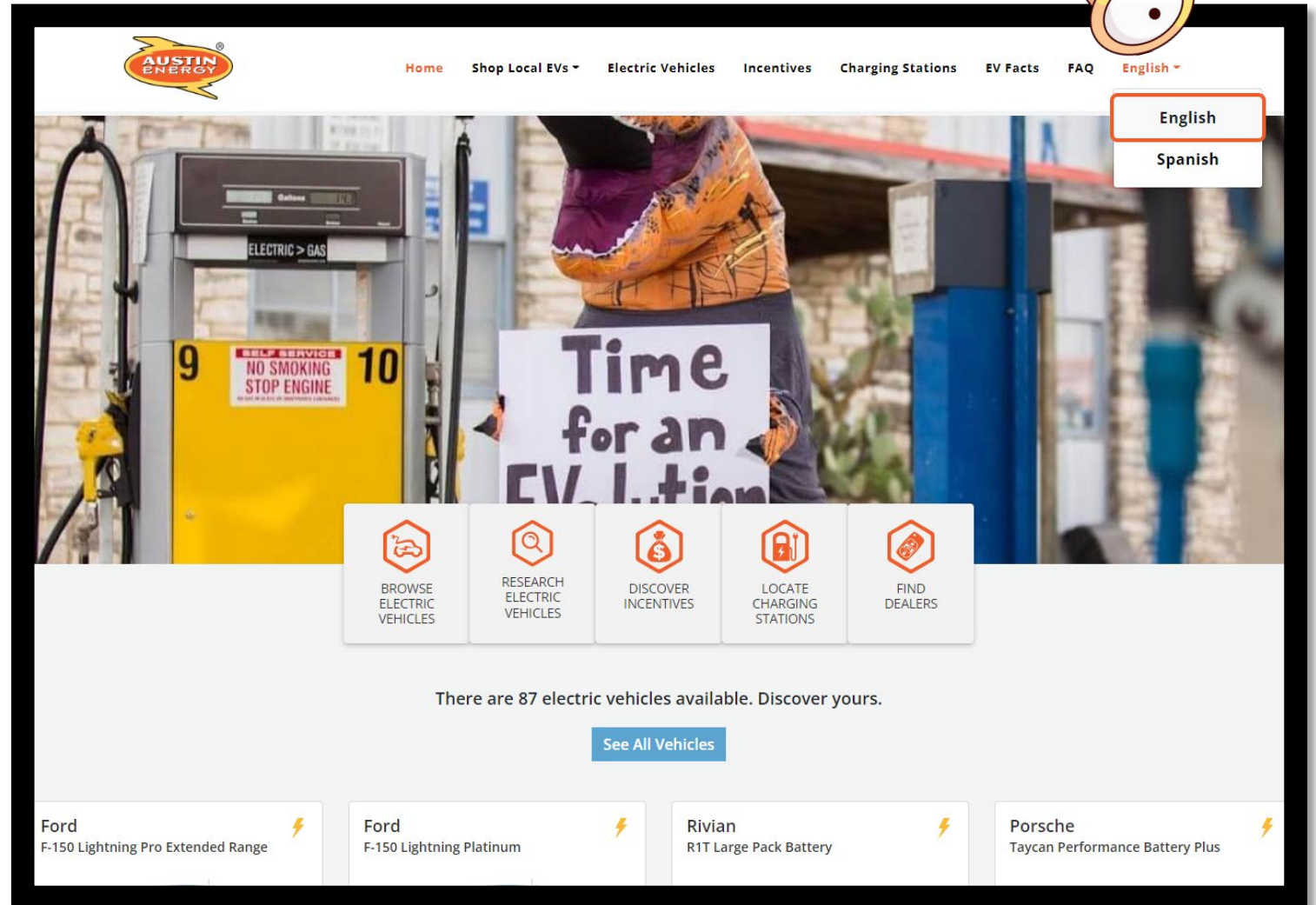
EV Buyers Guide

Now in English & Spanish!

Award winning program supporting EV buyers

In 2022 there were **79,881** unique visitors to the EV Buyer's Guide

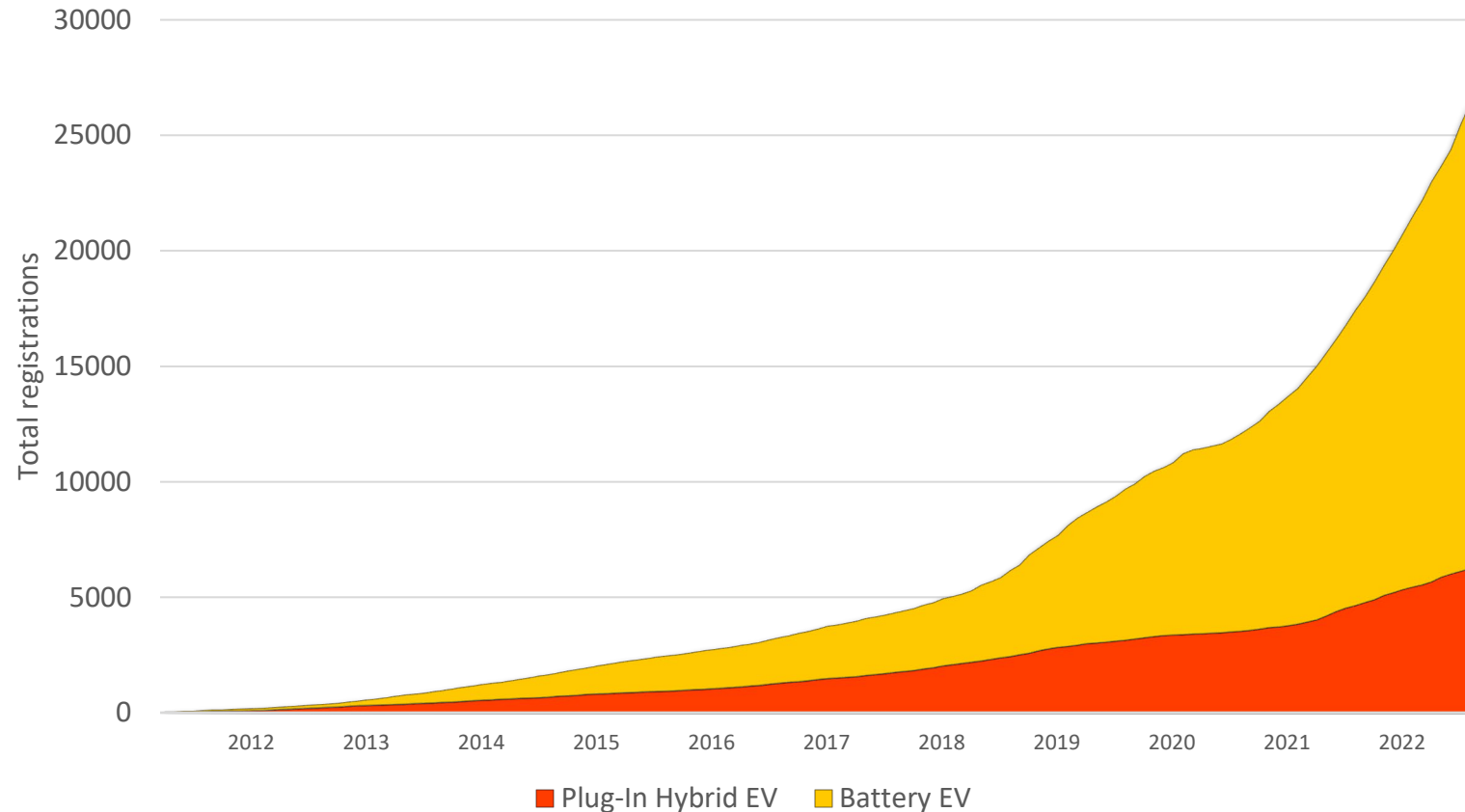
- In June alone, used EVs sold at faster rates than gasoline-powered vehicles in Austin
- 85% of visitors are new users to the sight



Cumulative EV Registrations

26,389 EVs in the Austin metro

Record EV registrations in the last quarter also means that there are currently more EVs being driven in Austin than ever before.

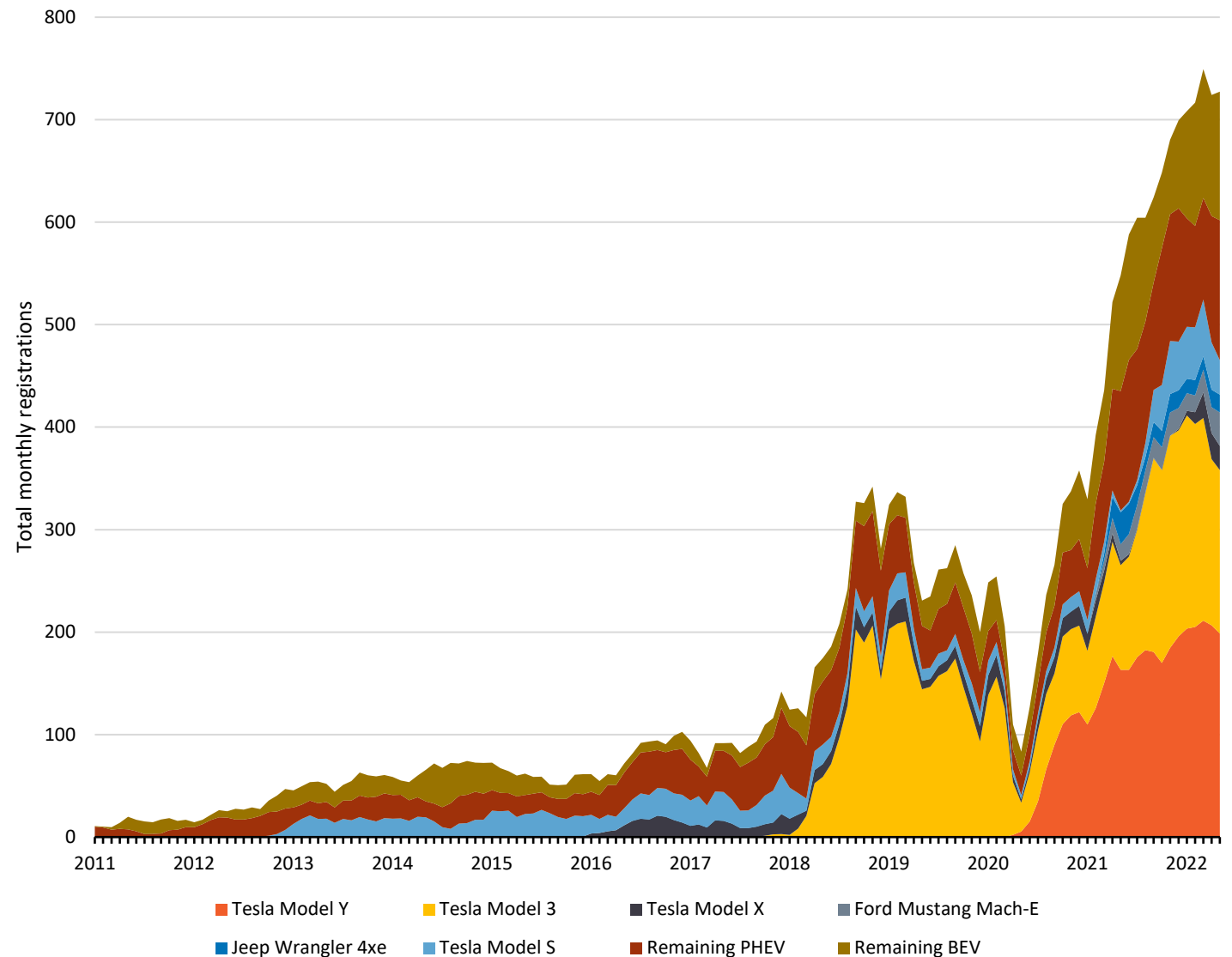


Monthly Registrations of EVs by Make and Model

Available EV models continue to grow

More EVs are being registered in Austin as more choices in EV models are introduced into the market.

According to Consumer Report auto manufacturers are set to introduce almost 100 new EV models by 2024



EV Fleets

Electrifying the City of Austin Fleet

The City of Austin has already transitioned over 280 of their vehicles to electric with many more on the way.

Austin Energy's EV/ET team has installed over 150 electric vehicle charging stations dedicated to City of Austin fleet vehicles.

The City's electric fleet have reduced fuel and maintenance costs by over 50% and saved 5,597 metric tons of CO2



Austin Energy and the City of Austin partnered to install 14 dedicated charging stations at the Austin Police Department facility on Rutherford Lane



EVET Operations Specialist Olivia Cardona and Departmental Director of Fleet Mobility Services Jennifer Walls showing off the City's new Ford F150 Lighting!

Capital Metro EV Bus Depot

Electrifying Austin's Bus Fleet

In partnership with Capital Metro, Austin Energy developed a robust charging infrastructure for electric buses in north Austin.

The Capital Metro North Operations Depot is the location electric buses charge overnight. Additional on route charging options are also being developed.

Local students in front of an art wrapped bus. All new E-buses will be wrapped with Austin student artwork!



Last Mile eMobility

From concept to implementation - Austin Energy led collaborations for access to eBikes by creating an innovative initiative with HACA residents and other vulnerable community members.



Free helmets &
MetroBike
memberships

Austin Energy hosted 3 eBike trainings, offering eBike safety awareness and rides to 70+ community members. Also provided digital literacy piece to access tech needed to use City of Austin eBike share.

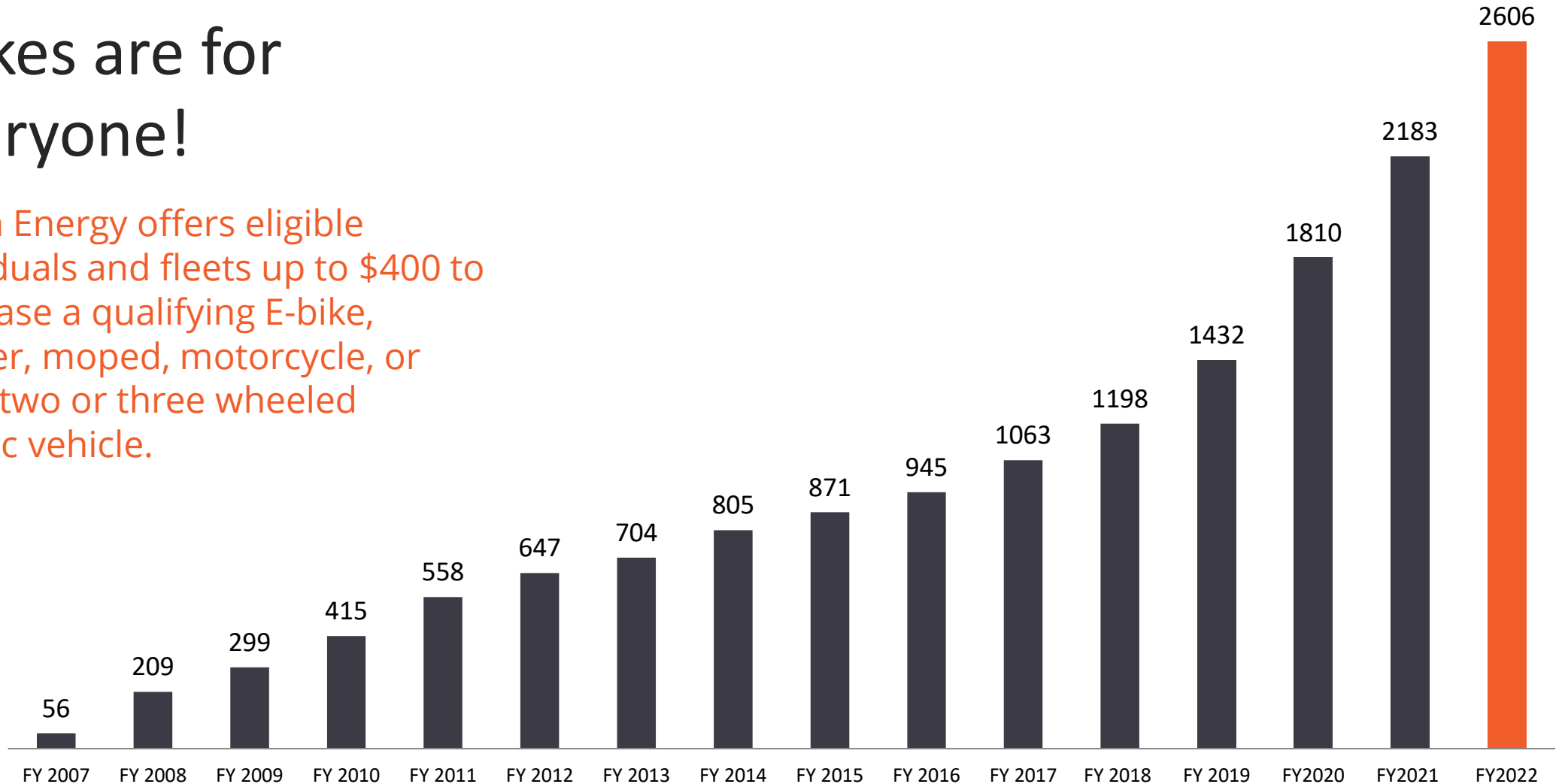


"10 out of 10 - life changing event!"--
HACA resident

Cumulative E-Ride Rebates

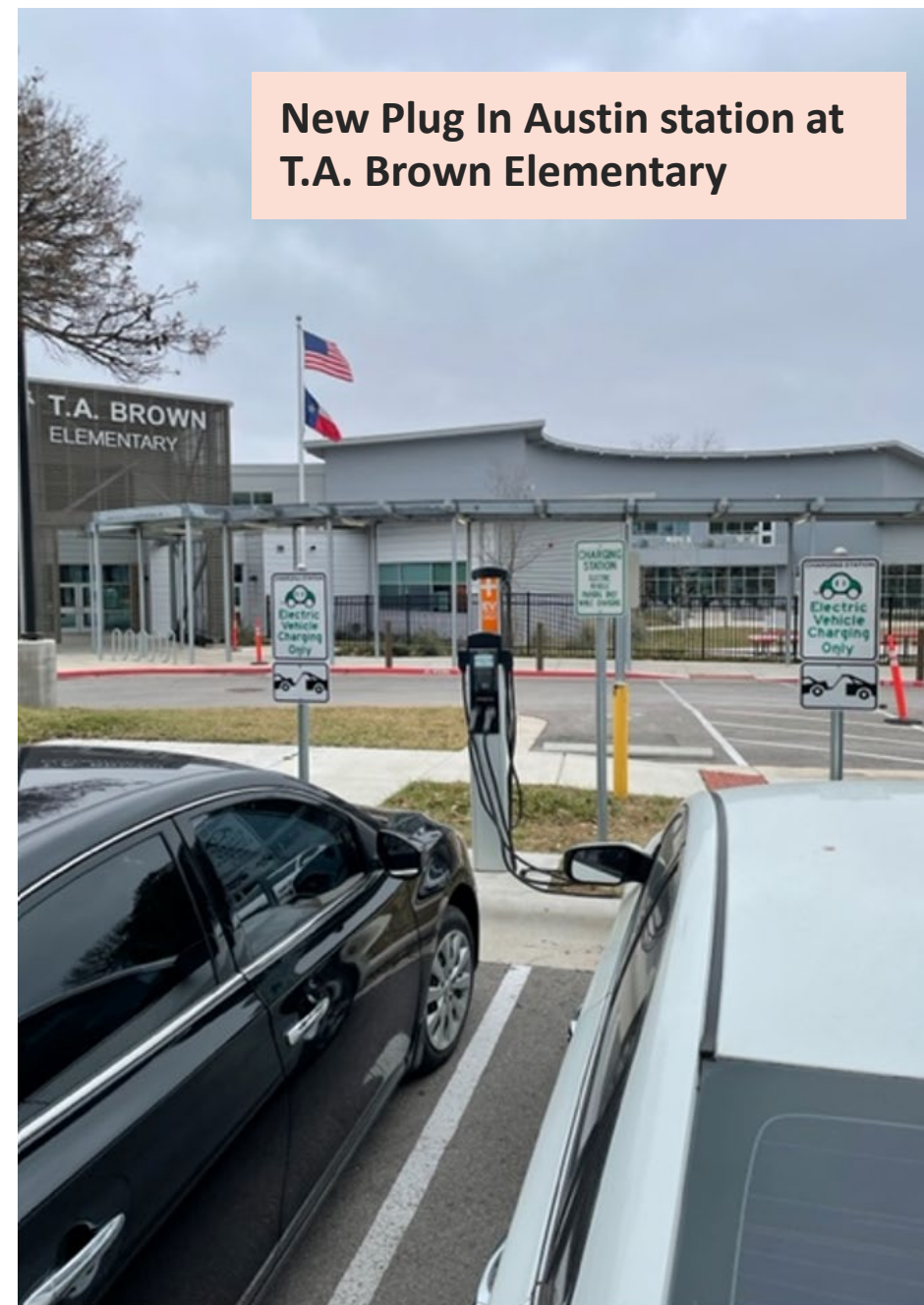
Ebikes are for Everyone!

Austin Energy offers eligible individuals and fleets up to \$400 to purchase a qualifying E-bike, scooter, moped, motorcycle, or other two or three wheeled electric vehicle.



EVs for Schools

- Austin Energy welcomed local students with our EVs For Schools program at the Build a Backpack School Drive event at City Hall
- Hosted electric school bus demo at Austin Energy Headquarters
- Nine new Plug In Austin stations installed and rebated at Austin ISD school to charge 3 of Austin ISD's new electric buses



Reference

Pg 2, Photo credit Harvey Cleary, [Austin Energy Headquarters | Harvey | Harvey-Cleary \(harveycleary.com\)](https://www.harveycleary.com/)

Pg. 3, (based on stations per capita, incentives, and low-priced electric-fuel)
<https://www.4autoinsurancequote.com/best-cities-electric-vehicles/>

Pg. 28, Electric bus photo credit, <https://www.autoweek.com/news/green-cars/a40091408/clean-school-bus-program-electric-epa/>





**Customer Driven.
Community Focused.SM**

