



Fast Charging Overview

Electric Vehicles & Emerging Technologies

Heidi Kasper

Director, Green Building & Emerging Technologies

October 19, 2026

© Austin Energy

Agenda

- Current Portfolio
- Operational Report
- Private Sector Growth
- Vision for Growth



Current Portfolio

1,300+ charging stations

- Public, workplace and fleet charging
- 30 DC (Direct Current) fast chargers
 - 26 public chargers – most deployed through Texas Commission on Environmental Quality Grant
 - Four dedicated for municipal fleet



Operational Report

DC Fast Chargers

Maintaining operational uptime is an extremely active function and a challenge

- Standard maintenance contract and extended service offering with ChargePoint Assure
- 95.1% uptime (up from 89% a year ago)

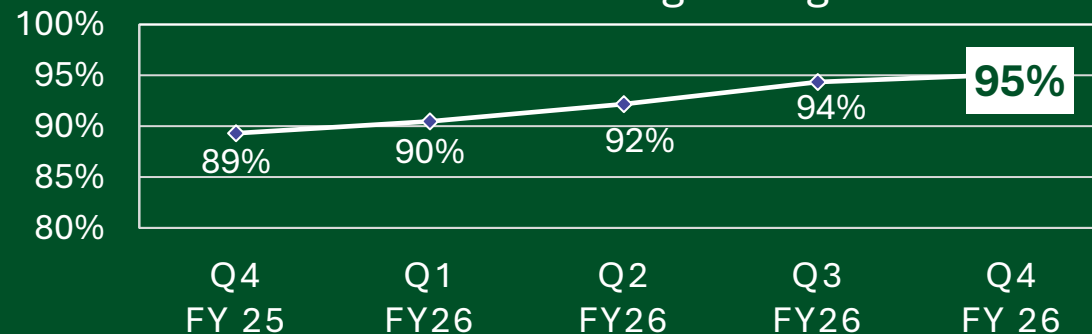
Usage data for DC fast charger network

- 230 MWh each month
- 2.8 GWh last year
- 9.9 million electric miles driven
- Peak usage hour: 6-7 p.m.



DC Fast Chargers Uptime

12-month rolling average



Private Sector Growth

- **343 Public DC Fast Chargers**

currently in the Austin/Round Rock area

- **Increased Investment**

auto manufacturers, private companies and fleets

- **700 DC Fast Chargers in Pipeline**

for energization in the last few years

$\frac{2}{3}$ for fleet electrification $\frac{1}{3}$ for public use

92 MW of capacity in study, design or construction

Hurdles:

- matching land acquisition to capacity availability
- expectation for energization timelines

- **Major Role**

in capacity studies, energization and electric rate structures



Vision for Growth



City of Austin Role

- Market supports charging at most public places
- City facilities for visitors, fleet vehicles, workforce
- Low-to-moderate income areas

Rate Structures

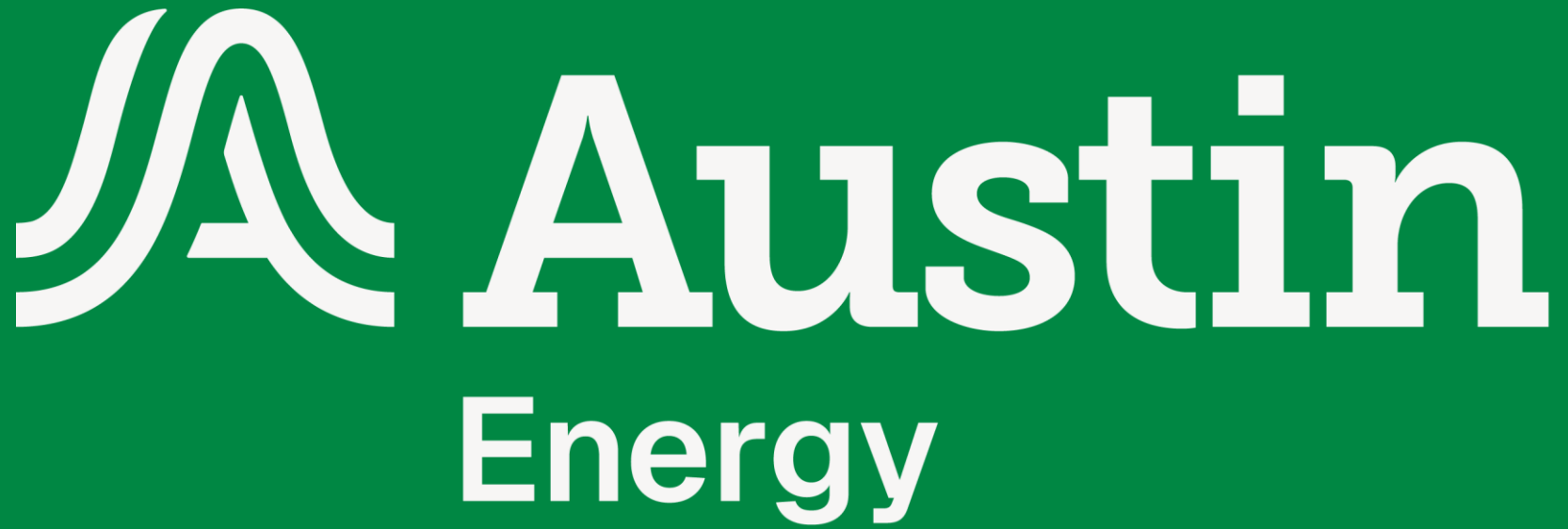
- Time-based rates vs. volumetric rates
- Idling fees
- What is the private sector doing?

Technology Selection

- Analyze vendor landscape
- Faster charging speeds
- Connector standards
- Highest hardware reliability

Resiliency

- Peak load strategy for emergency situations
- Vehicle to grid integration



©Austin Energy. All rights reserved. Austin Energy and the Austin Energy logo and combinations thereof are trademarks of Austin Energy, the electric department of the City of Austin, Texas. Other names are for informational purposes only and may be trademarks of their respective owners.