

# City Code Amendment to Expand Public EV Charging & DCFast Project Update

Karl Popham

Manager, Electric Vehicles & Emerging Technology



September 2018

© 2018 Austin Energy

# Proposed Code Amendment

**BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF AUSTIN:**

**PART 1.** City Code Section 15-9-121 (*Remetering and Resale of Service*) is amended to add a new subsection (E) as follows:

(E) Subsections (B) and (C) do not apply to the remetering or resale of electric service for the sole purpose of providing retail electric-vehicle charging service at the point of remetering or resale.

Why it's needed:

- Enables 3<sup>rd</sup> party investments and more options for Austin's EV drivers to access EV charging infrastructure.
- Enables load growth with a focus on AE's core business while leveraging public-private partnerships.
- Existing code was designed prior to EV Charging and its intent is to protect apartment residents from submetering with mark-ups, this amendment maintains that protection.



# A Typical DC Fast Charging Hub

Example: 8 DCFast Stations is a new commercial customer that can generate high Demand (450+ kW) on small footprints (1,000sf).



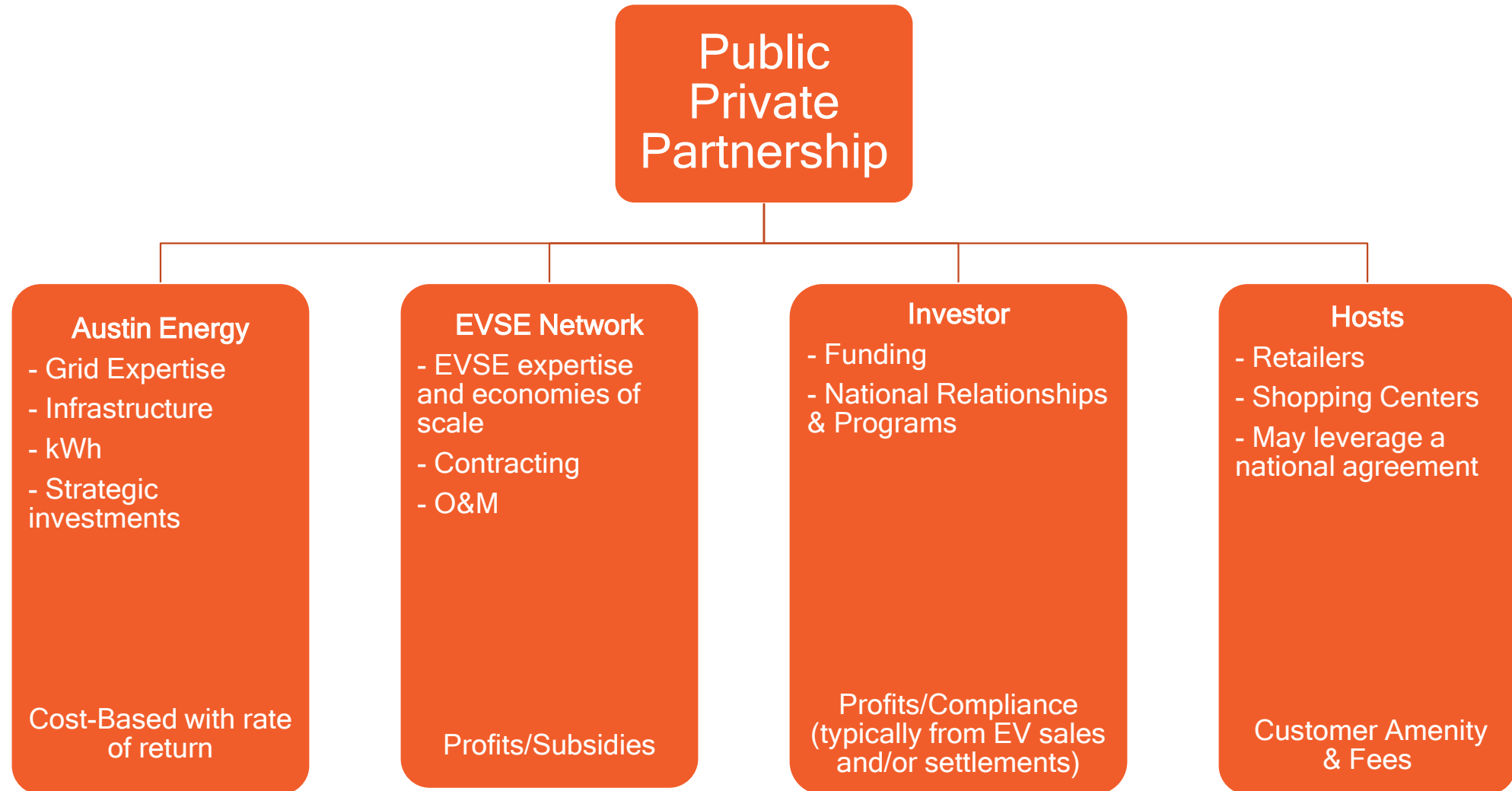
# DCFast Enables High Mileage Adoption

High-mileage applications require adequate DCFast

- Taxi fleets
- “Gig economy” to include ride-share and delivery services
- Intercity corridor travel
- The future of autonomous mobility



# Partnership Framework

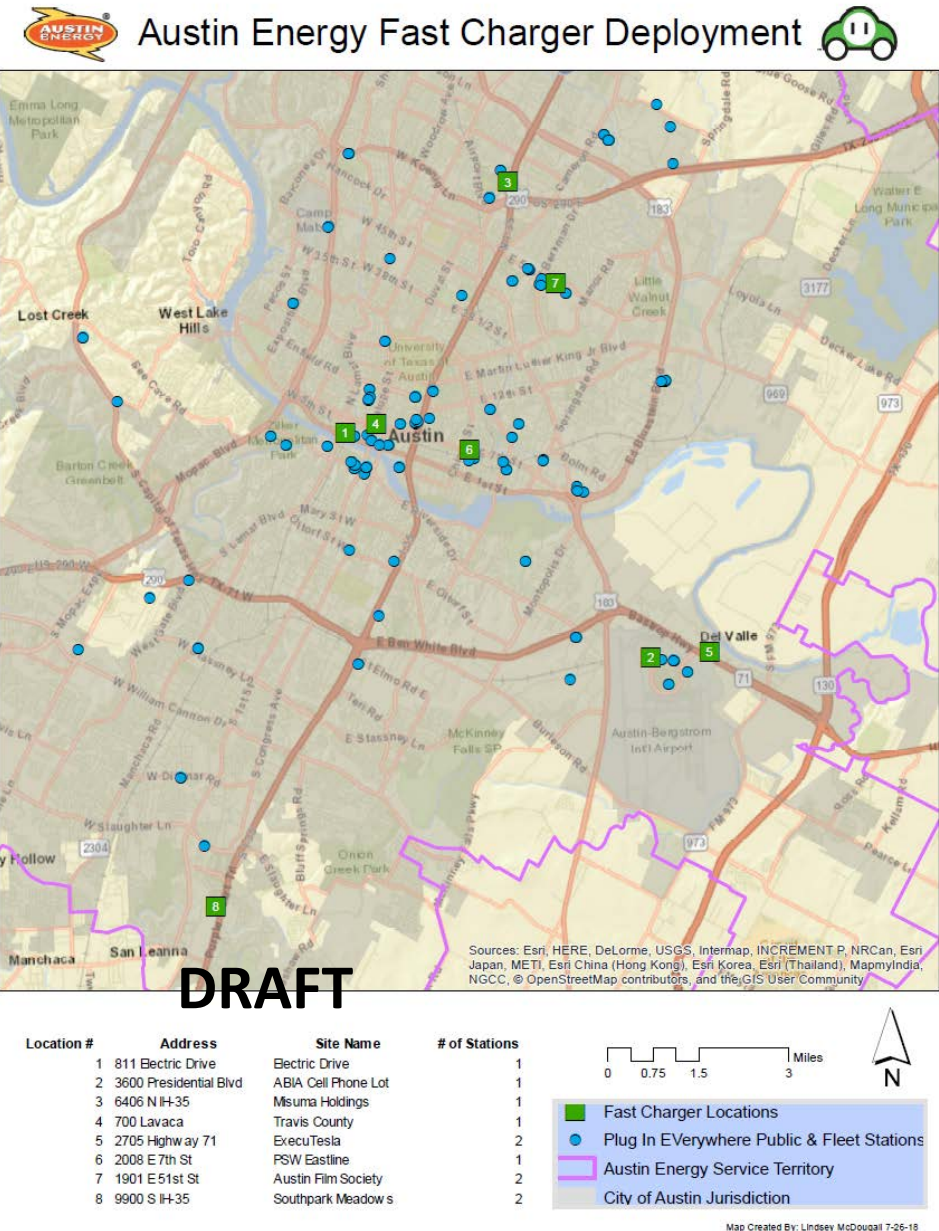




# Austin's DCFast Opportunities

DCFast Projects underway or under consideration:

- Tesla recently deployed a DCFast Hub and another hub is under construction
- EVgo opportunity to support GM Maven fleet expansion
- Electrify America \$2B National Fund
- Current AE project underway for 10 DCfast stations (FY19)
- Texas TCEQ grants - AE recently notified of a \$1.6M award to support up to 24 DCFast (FY20)





Confidential & Proprietary ©2018 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.