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EV Update

Resource Management Commission

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November 14th, 2017





The Team



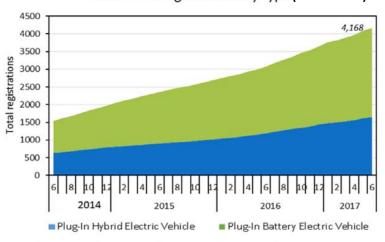


- City Council passed 7 EV related amendments to the latest AE Resource Plan (out of 16 total)
- City Council passed the City EV Fleet Adoption resolution
- City Council passed the Shared, Electric & Autonomous "Next Wave Mobility" resolution
- State of Texas brings back \$2,500 EV rebate starting FY18

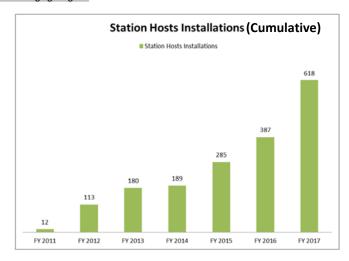


EV Program Metrics

Cumulative registrations by type (Cumulative)

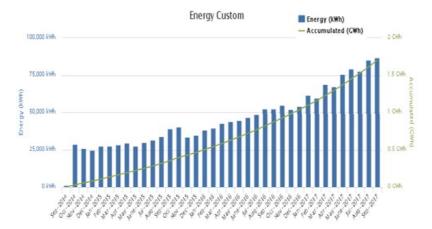


Public Charging Program



618 charging ports have been installed at 180 locations to include retail, workplace, multifamily, and fleet.

Energy Usage – Plug-in EVerywhere Network (Monthly, 3 year rolling)

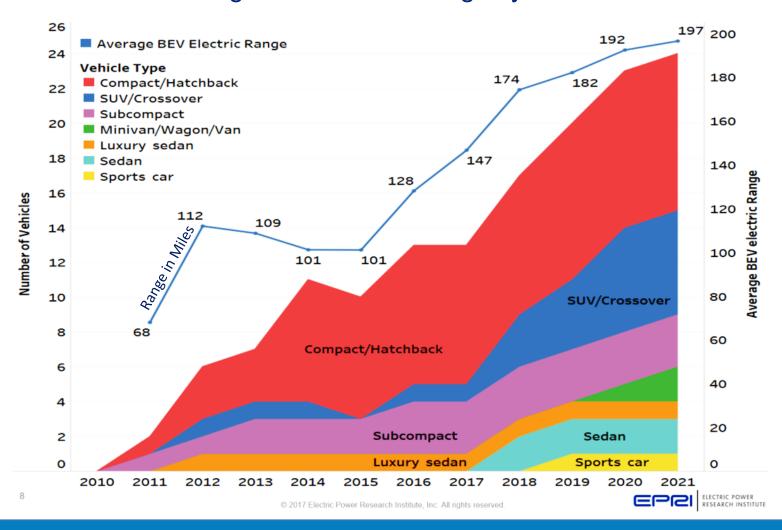


Public Charging: 2.09 GWh consumed through 279,005 charging sessions since 2012, displacing approximately 8.4M petroleum miles with 100% renewable GreenChoice® energy. Data provided by ChargePoint Station Manager.



Batteries getting bigger | 60-80kWh

With increased range, one EV is moving to 10x the capacity of a single residential storage system.





Affordable, Clean & Convenient









Marketing, Calculators & Outreach





Electric Drive Showcase





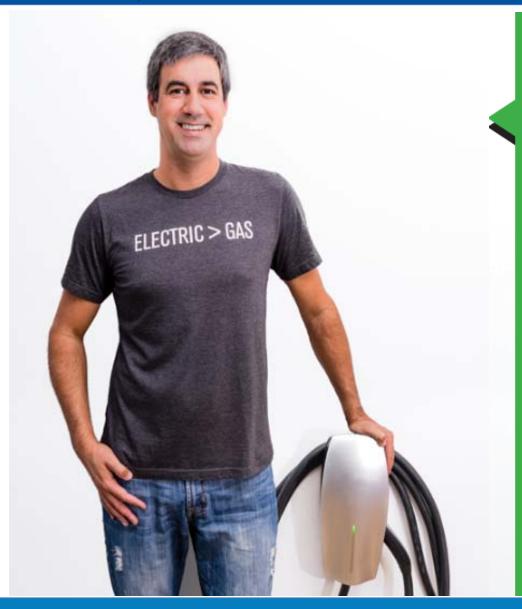
Fleet & Low-Income Programs







Residential EV Time of Use Rate



Introducing EV360[™]

"The EV360 program cuts my EV energy cost in half."

– Logan Boyd





pluginaustin.com

A City of Austin Program



Shared & Electric Transit





Grant-Funded Initiatives









Pecan Street Project





TEXAS RIVER CITIES

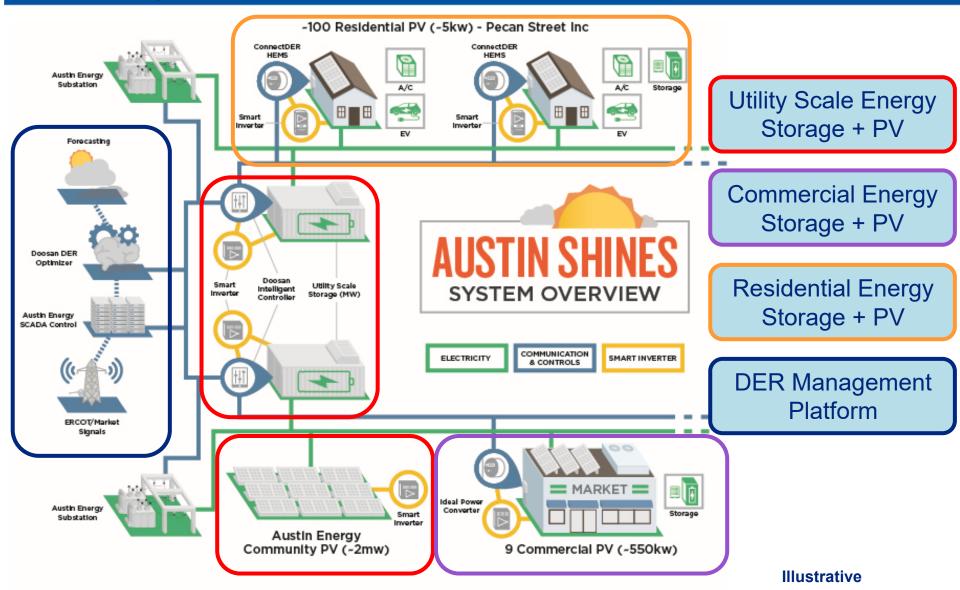
Plug-In Electric Vehicle Initiative





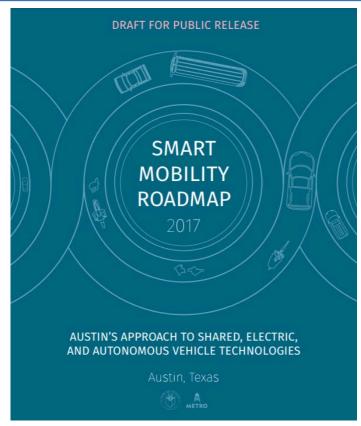


SHINES – Integrated Solar+Storage





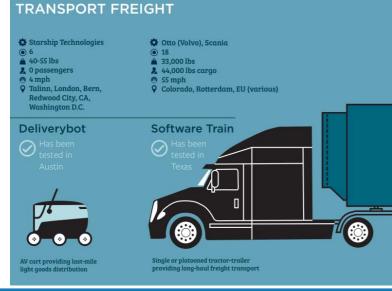
Austin's "Smart Mobility Roadmap"



austintexas.gov/smartmobilityroadmap









City Resolution - Why all 3?



Austin welcomes self-driving cars with new resolution





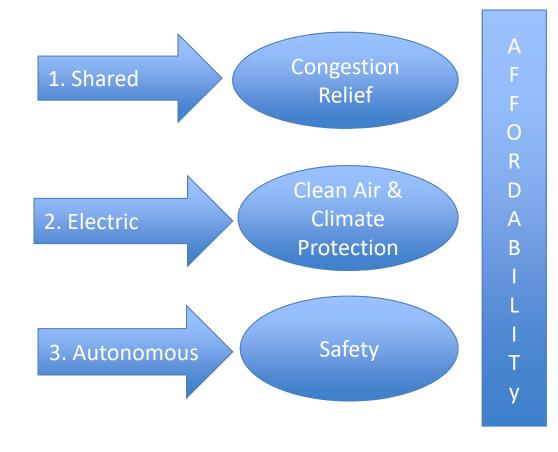




* TRANSPORTATION

Friday, March 3, 2017 b

Council looks forward to robot car future









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