

CM Kitchen MOTION SHEET

Amend Resolution:

Council adopts the Electric Utility Commission Resource Planning Working Group 2016-17 Recommendations for Resource Planning Update, including long-range planning through 2027, a copy of which is attached here as Exhibit A, with the following added direction:

Transportation:

Initiate private public partnerships that promote, market, and provide electric vehicle support that will increase utility revenue while reducing air pollution and greenhouse gases. Expand current efforts and, as possible, utilize these vehicles as a valid distributed storage technology. Added direction:

1. Support the deployment of EV charging infrastructure to enable the City Fleet Services electrification plan, which includes at least 330 new charging stations by 2020 and deployment of at least 8-10 Austin Energy owned and operated DCFast stations by FY 2018.
2. Support the City Fleet Services electrification plan by transitioning 65 Austin Energy retired internal combustion engine vehicles to new electric vehicles by 2020.
3. Complete the Austin SHINES project by FY19 that includes assessing the value and business case for integrating stationary distributed energy storage. Leverage findings to determine applicability to EV batteries.

Before the 2019 generation plan update, Austin Energy should do an analysis of potential value streams for energy storage that may include Demand Charge Reduction, Peak Load Reduction, Energy Arbitrage, Price Responsive Opportunities, Voltage Support, and Congestion Management and evaluate open standards and business cases that could be applied to a future state of feasible and affordable EV distributed storage. Additionally, to identify potential load and storage resulting from aggressive EV development.

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4. Support growth of public and private charging station deployments by offering rebates, operational support, outreach, and special public charging rates to include support for low income populations.

5. Leverage the residential EV time of use rate pilot "EV360," launched in 2017, to develop lessons learned and best practices in FY18 for consideration in a wider roll-out of this service.