



**To:** Resource Management Commission  
**From:** Jennifer Walls, Deputy Fleet Officer  
**Date:** December 13, 2016  
**Subject:** Fleet Update

The Fleet Services Department provides a full range of fleet services to City of Austin departments in support of their missions, making Austin the best-managed City in the country. The Fleet department manages the “cradle to grave” process for approximately 6,400 units in over 500 classes ranging from fire trucks to lawnmowers. The Fleet Department is also responsible for management of 42 fuel sites located around the city that dispense over 5 million gallons of fuel to our customers each year. One of our key drivers is our commitment to providing an environmentally responsible fleet. In 2012, Fleet along with the Sustainability Office developed a Fleet Carbon Neutral Plan in response to Council Resolution 20070215-023. This plan outlines strategies, objectives, and performance measures to ensure that we allocate our resources to activities that are aligned in a way to help meet those objectives.

**December 2016 Update**

**Key Indicators**

ACTIVITY	PERFORMANCE MEASURE	GOAL	FY 15	FY 16
VEHICLE PURCHASES	95% of all purchases are alternative fuel/hybrid/electric capable	95%	95.40%	97.6%
VEHICLE PURCHASES	Increase percentage of alternative fuel/hybrid/electric capable units in the fleet	INCREASE	73.81%	79.4%
FUEL/INFRASTRUCTURE	Alternative fuel volume issued as a percentage of all fuel issued	INCREASE 10% PER YEAR	22.80%	56.1%
FUEL/INFRASTRUCTURE	Alternative fuel volume issued to dual fuel units as a percentage of all fuel	80%	25.24%	60.2%
DRIVER EDUCATION	100% of all employees who operate city vehicles to watch driver education video.1	100%	0	82.7%

### Current Initiatives

- Fuel infrastructure feasibility study completed and recommendations are under review.
- Council Resolution on feasibility of Fleet Electrification: Report has been completed and presented to the Council Mobility Committee who have approved it and will forward to the full council. Fleet is preparing for the purchase of electric vehicles as a part of our normal vehicle purchasing plan
- Additional E85 site: Plan to convert two existing unleaded sites to E85 to support demand. Work started on the conversion of the first of two sites the last week of November with completion of both sites by year end. We anticipate the issuance of an additional 300K to 400K gallons of E85 through these two sites resulting in a reduction of approximately 1200 to 1400 metric tons of CO2.
- Improve communication and reporting to drive accountability: Piloting a new webpage for customer departments to monitor their fleet related sustainability efforts.
  - [http://flt2012web/fleet\\_sustainability/PerfMeasures](http://flt2012web/fleet_sustainability/PerfMeasures)

### Next Steps

Fleet will continue to maximize efforts to reduce emissions in the three major areas that have the most impact, Vehicle purchasing, fuel and fueling infrastructure, and education. We will do this by continuing to stay abreast of new vehicle technology with emphasis alternative fuel/hybrid/electric vehicles and equipment during the purchasing process and continuing to monitor and evaluate cleaner burning fuel and corresponding infrastructure options as they arise. Finally we will enhance employee and department education by enhancing our information system. This will allow us to provide our stakeholders and customers with valuable and “real time” information so that they can monitor and improve on their fleet related sustainability efforts.

# CITY OF AUSTIN FLEET ELECTRIFICATION PLAN

## *DID YOU KNOW?*

Austin has one of the most aggressive climate protection goals in the world. In 2007, the City Council resolved to make Austin the leading city in the country in the effort to reduce the negative impacts of global warming. As part of that, they committed that **All City facilities, FLEETS and operations will be totally carbon-neutral by 2020.**

Today, all municipal facilities are now powered by 100% renewable energy – making Austin the largest city in the U.S. to have all municipal buildings and facilities powered by renewable energy resources – and which means

- **City fleet vehicles are the *largest* source of municipal greenhouse gas emissions.**

So, how will the City of Austin get its municipal fleet to carbon-neutral by 2020?

## **THE PLAN**

### **Make all City fleet 100% carbon-neutral by 2020**

1. Add 330 plug-in electric vehicles to the City fleet by 2020
2. Expand City Fleet charging stations from 33 to 330 by 2020
3. Fund electric vehicle acquisitions through the execution of municipal leases
4. Fund charging infrastructure through an interdepartmental fuel surcharge

#### **ELECTRIC VEHICLE BENEFITS**

- Reduces GHGs
- Lower life-cycle costs than gas vehicles
- Supports the local economy by purchasing fuel (electricity!) from Austin Energy
- Reduces fuel-price volatility risk
- Demonstrates innovation and leadership to employees and the Community
- Diversifies City fleet
- Fuel independence

## ***WANT TO LEARN MORE?***

### Contact

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