

Climate Program

Quarterly Update



August 21, 2012

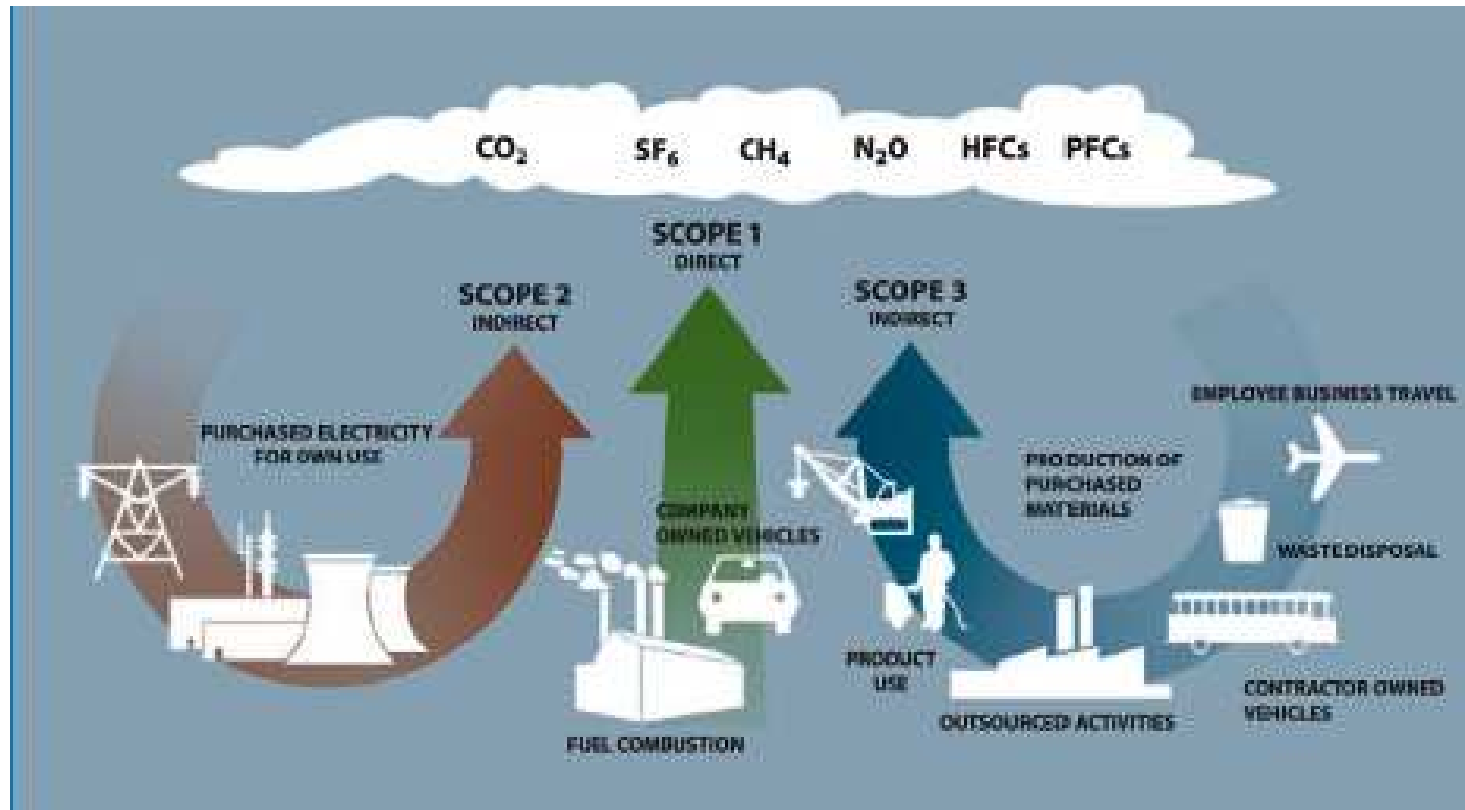
Outline

Climate

- **2011 City of Austin GHG Inventory**
- Austin Green Business Leaders

Boundaries

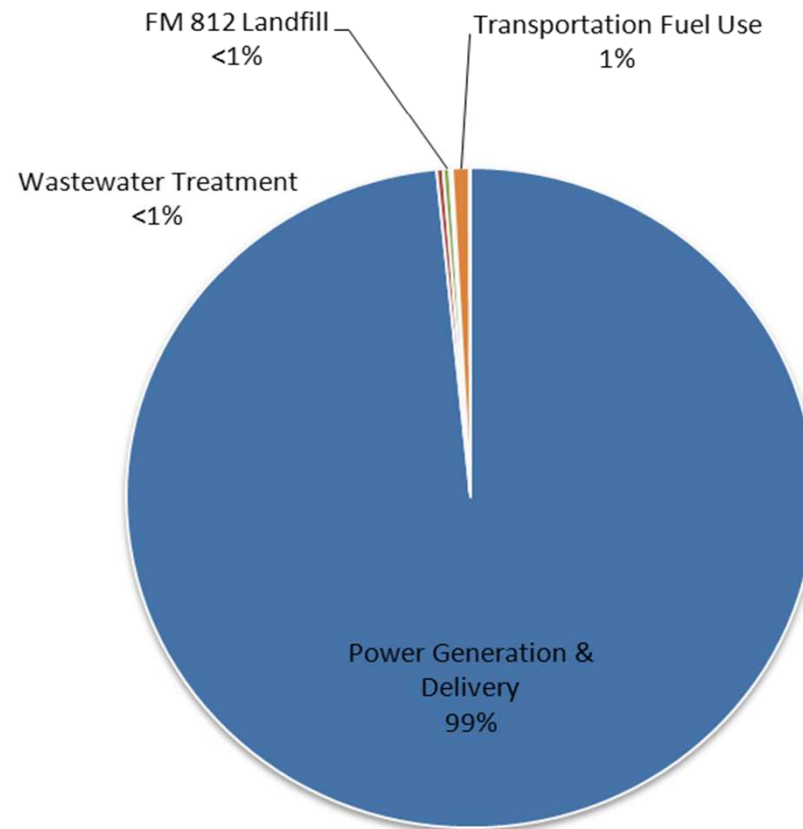
Climate



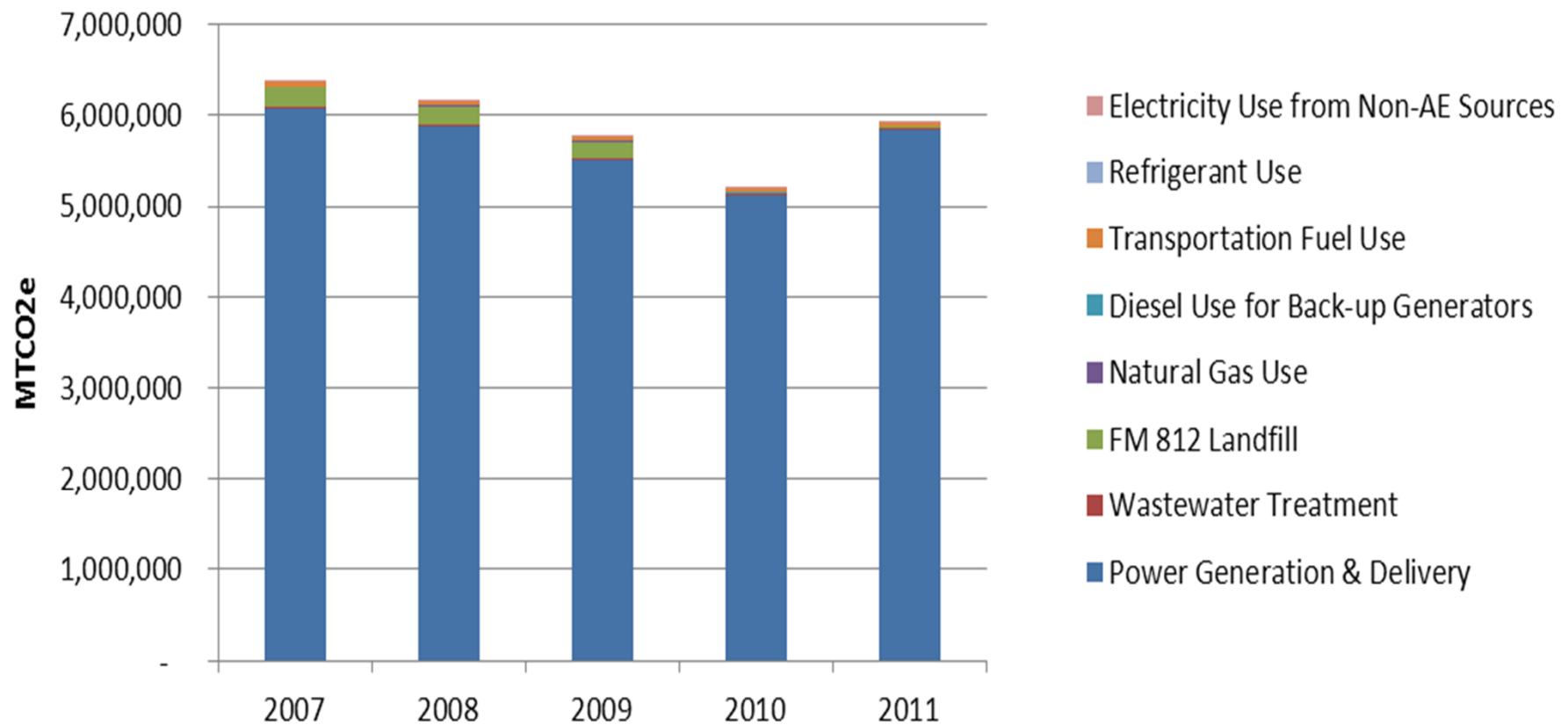
City of Austin Emissions

Climate

Regulated & Non-Regulated Greenhouse Gas Emissions
5,930,274 MTCO₂e
CY 2011



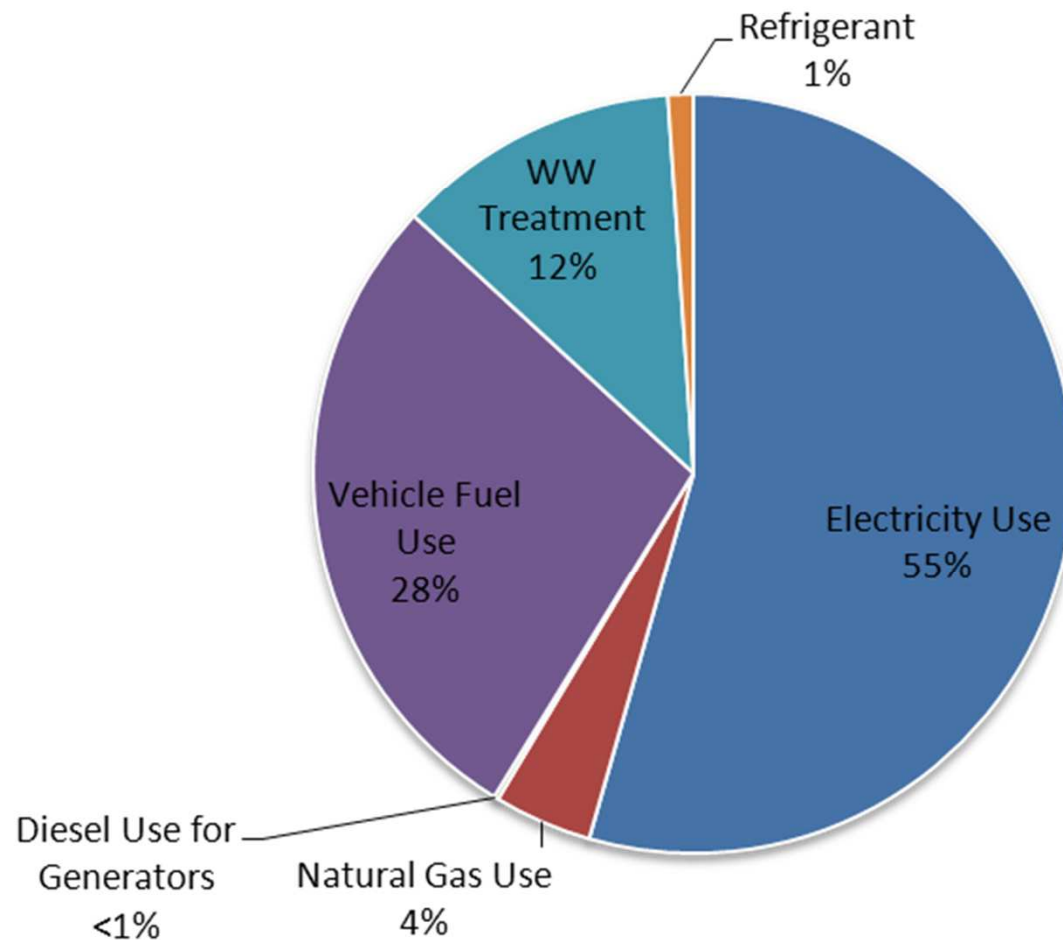
Climate



Non-Regulated Emissions

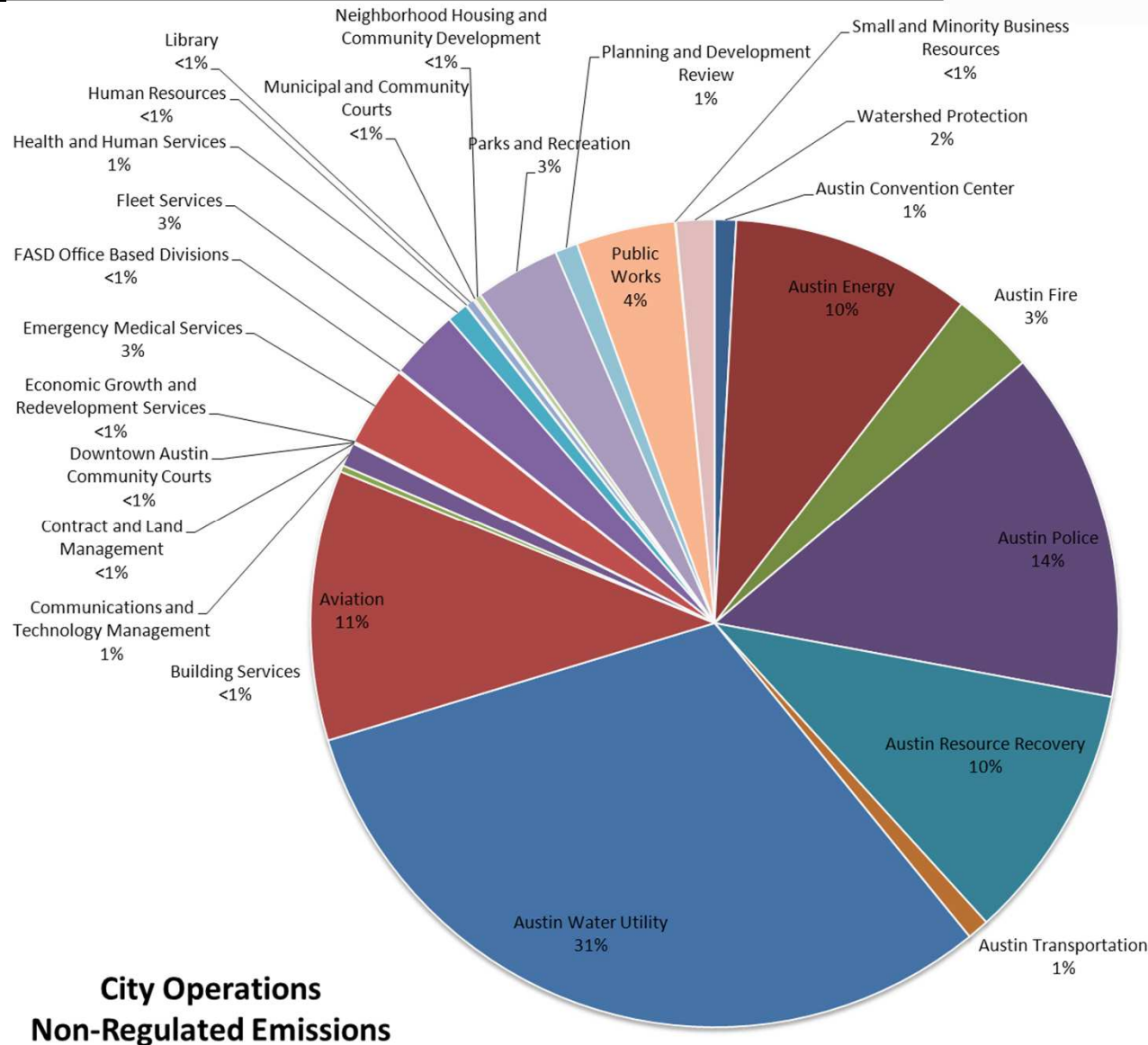
Climate

est. 171,000 MTCO₂
CY 2011



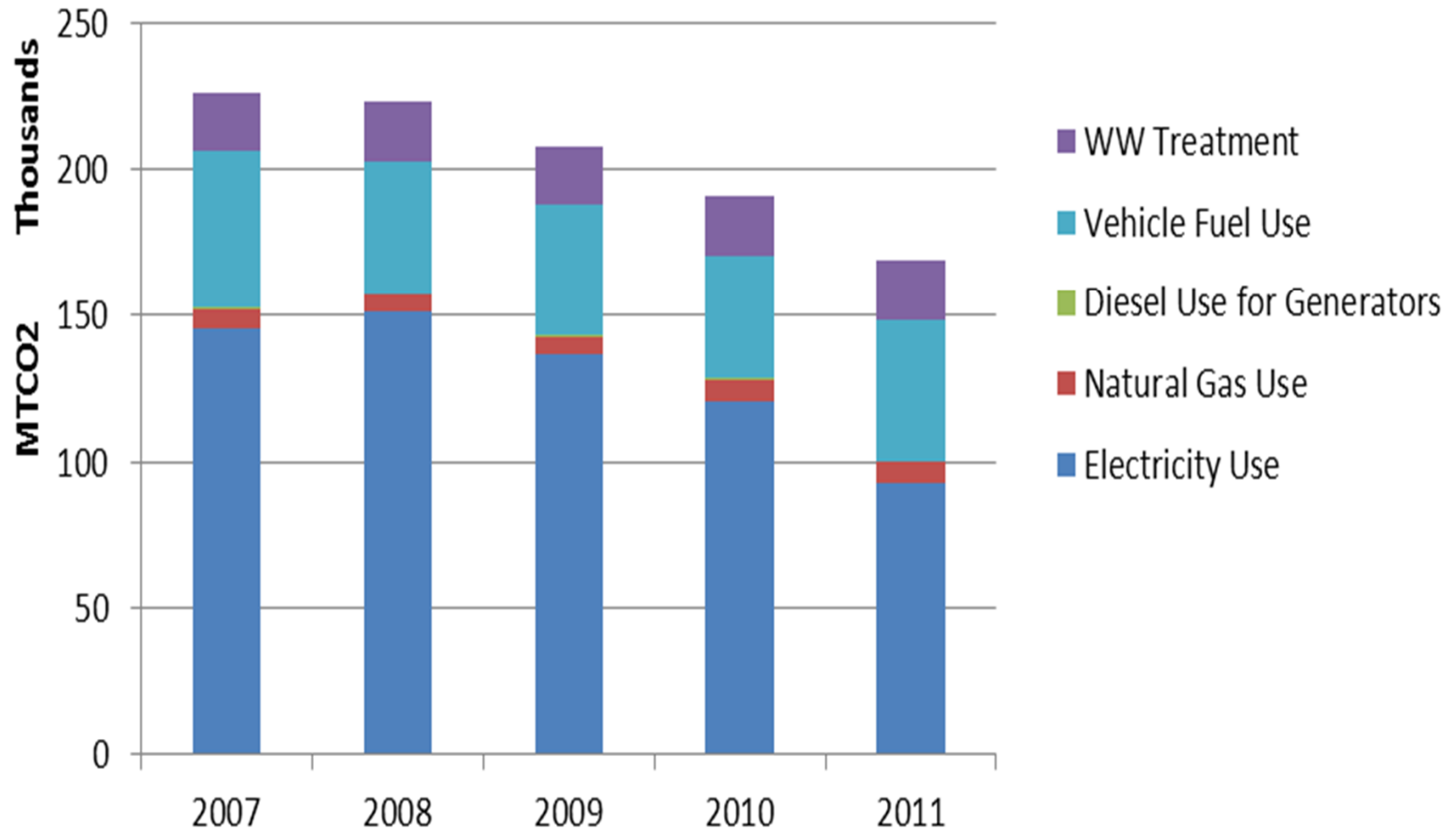
Department % Contribution

Climate



Non-Regulated Emissions

Climate



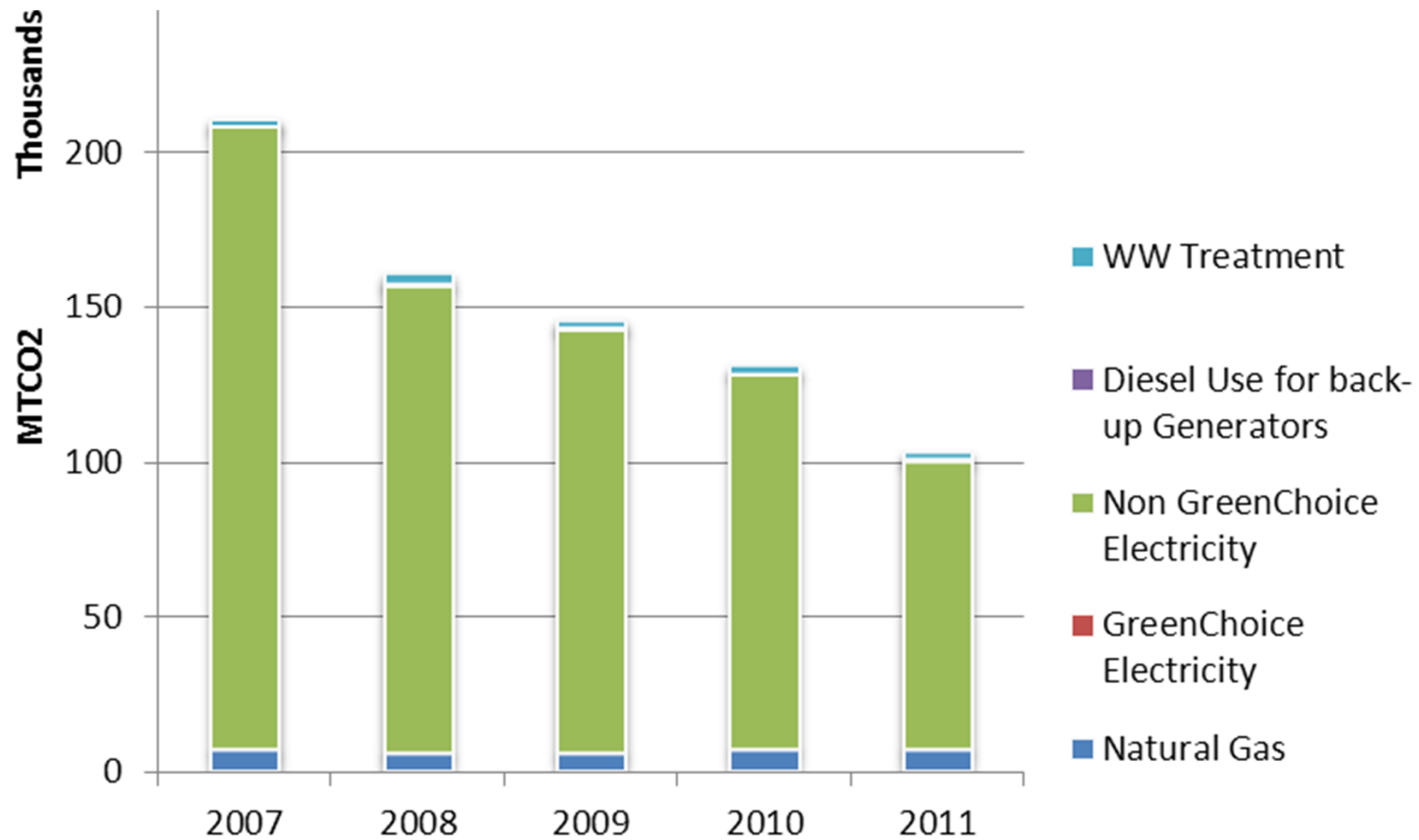
Energy Usage

Climate



Energy Emissions

Climate



2011 Energy Reductions



Climate

- **Renewable Energy**

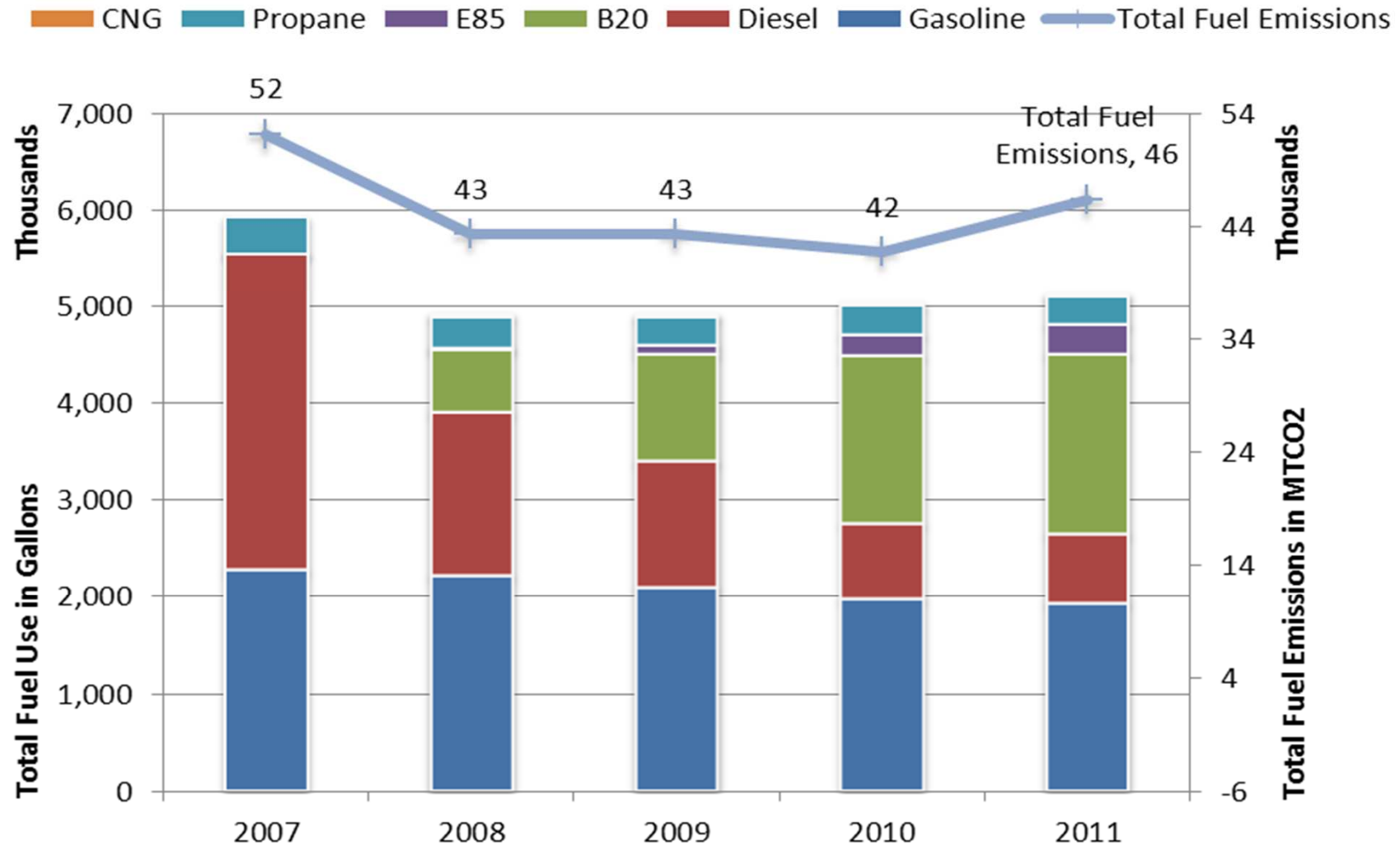
- 100% renewable energy to power all City-owned buildings and facilities
- 122 kW of new Solar PV on City-owned facilities – 206,056 kWh annually

- **Building Efficiency**

- Interior Lighting: 385.85 kW, 1,723,386 kWh, \$140,163 savings annually
- Exterior Lighting: One Texas Center Parking Garage – savings of 27.8 kW, 243,492 kWh, and \$20,696 annually
- Technicenter upgrades – 71,054 ccf, 257,000 kWh, and \$70,995 annually
- In-house building re-commissioning program – 8 major facilities plus others
- 100% (25 / 25) City of Austin building ECAD compliance

Vehicle Fuel Use

Climate



Fleet Progress



- **Cost / Benefit Analysis**
 - Life Cycle Cost / Environmental Analysis on all vehicle packages
 - 65% of Vehicles are Alt Fuel or Hybrid (up from 60%)
 - 263 Hybrids (5% of total vehicles)
- **Fuels**
 - Alternative Fuel = 65% of total (up from 48%)
 - Diesel use almost 0, B20 usage is up 80%
 - Unleaded use is down 30%
 - E85 usage up over 100% from last year
 - Citywide mpg flat at 11.5 mpg
- **Training Program for all vehicle operators**

Outline

Climate

- 2011 City of Austin GHG Inventory
- **Austin Green Business Leaders**

What's in the scorecard?



Results



- **Progress Since March 27th**

- 160 new businesses registered
- Total of 43 businesses recognized

- **Recognized Business Stats**

- 2/3 tenant, 1/3 owner
- 35 site visits completed
- 1,500+ actions documented
- Over 3 million square feet of business space participating

New Members



adaptation
international



Awards Ceremony



Driving Change



- **Three main business types**
 - Already green and looking for recognition
 - Trying, need some help and the marketing edge is valuable
 - Completely new to “green” and need help
- **Businesses are registering quickly but scorecards take time**
 - Calling and discussing
 - Info sessions
 - Green Business Lecture Series – EGRSO
 - Selling benefits and networking events

In the Works



- **Community Carbon “Offsets”**
 - In partnership with local event organizers
 - Launch in 2013



**Zoe says
Thank you!**

**I'll be back in
November**