

Austin Climate Protection Program Division

Quarterly Update
Electric Utility Commission

April 19, 2010

Municipal Plan

Department Climate Protection Plans

- 22 of 23 departmental plans and City Hall plan complete
- Carbon footprint performance measure to be included in 2011 Budget reporting

Facility Energy Use

- 18% of City's electricity use powered by GreenChoice
- Developing schedule to move all facilities and operations to GreenChoice

Fleet

- Alternative fueled vehicle purchases encouraged
- Fuel Conservation - Administrative Bulletin No. 09-01

Municipal Plan

Employee Climate Protection Education Program

- Curriculum developed in September 2008
- As of February 2010 over 2,600 employees have received climate protection training
- Completion goal: all COA employees trained by end of 2011
- Train the Trainer program launched

Community Plan

2007 Community GHG inventory serves as base- line, to be updated on a three-year cycle

Community Climate Action Plan - three-step process

- Charette – March 2010
- Plan development and refinement - March 2010 to January 2011
- Austin Community Climate Summit – February 2011

Environmental Awareness Awards

COA Program: **Austin Energy Green Building**

Community / Non-Profit: **Central Texas Zero Waste Alliance**

Government Agency: **Texas Facilities Commission Recycling Program**

Large Business: **Dell and Goodwill Industries of Central Texas**

Small Business: **Barr Mansion & Artisan Ballroom**

School / Educational: **Bryker Woods Elementary School**

Mayor's Individual Award: **Richard Craig for "Trees for Pease"**

Carbon Footprint Calculator

coolaustin.org

Calculator is a user-friendly tool that allows residents to determine greenhouse gas emissions produced by their daily activities.

Launch Date:

Soft launch January 2, 2010

Hard Launch (media Launch) January 14, 2010

Carbon Footprint Calculator - Implementation Strategy

Focus group conducted January 20, 2010

Reward program implemented to encourage new and repeat users

Marketing campaign implemented, including traditional and online media sources targeting calculator use

Carbon Footprint Calculator – Progress on Goals

Users Goals

- 500 unique users per month for the first 3 months
- 250 unique users for the subsequent 9 months
- 10% return rate of repeat log-ins

Current Users

- January/February – 593 new registrants
- March – 81 new registrants
- April (to 4/5) – 5 new registrants
- 12.8% return users

Ozone Attainment

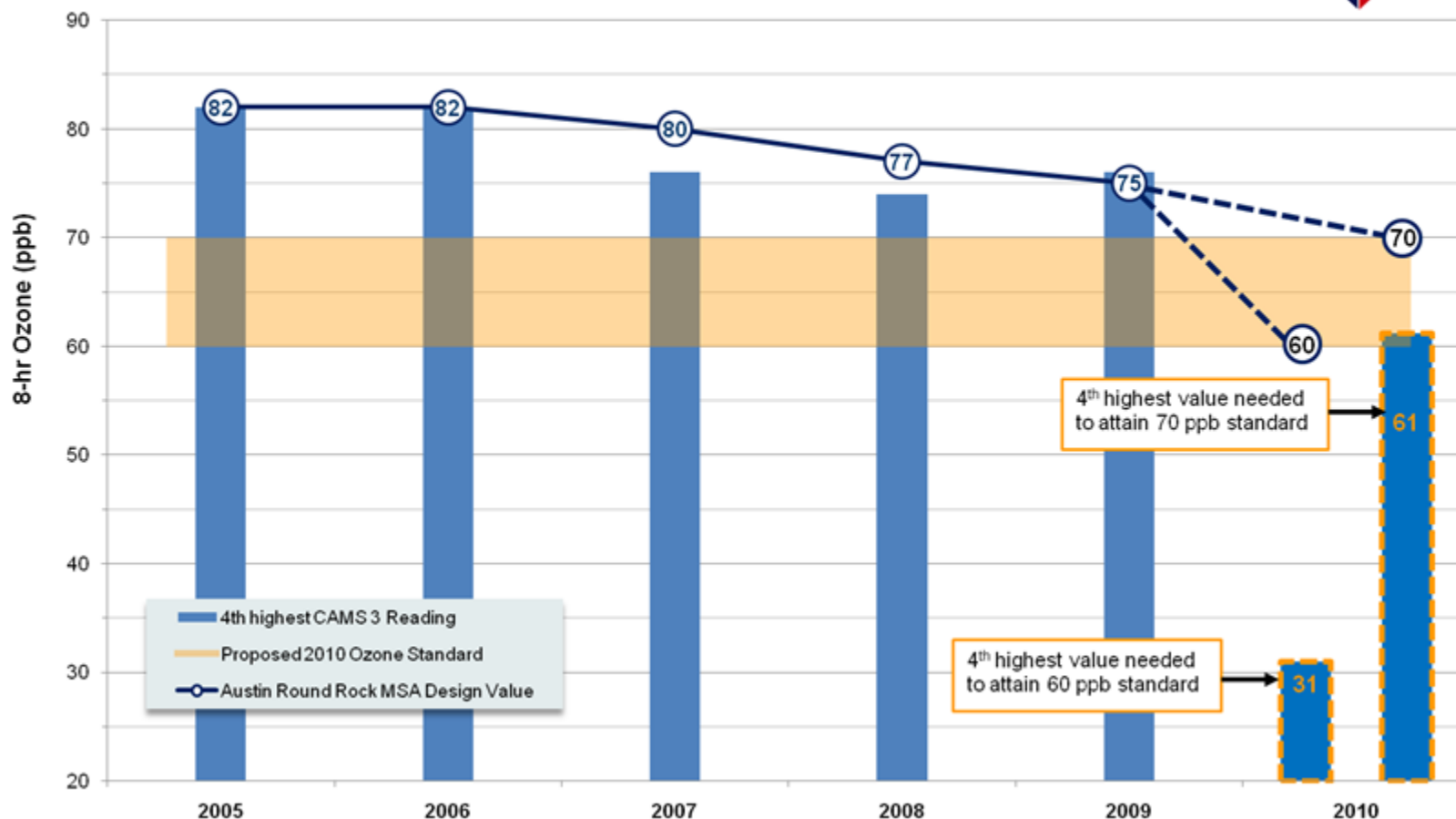
Ground-Level Ozone is a federally regulated air pollutant formed from NO_x + VOC + Sunlight

EPA revised the standard to 75 ppb in 2008 and now is proposing a value between 60 to 70 ppb

Design Value is 3-Year average of the annual 4th highest 8-hour ozone maximum at regulatory monitor

EPA designation based on design value from 2008 – 2010 monitoring data

Compliance Scenarios for the 2010 Proposed Primary Ozone Standard Austin-Round Rock MSA (2005-2010)



Note: Design value is calculated as the 3-year average of the 4th-highest daily maximum 8-hour average ozone concentrations measured annually at each regulatory monitor

Idle-Free Zone



Young Lungs at Work

Urban Heat Island Mitigation

Austin's Tree of the Year Award – Annual nomination opportunity to designate best specimens (one each, large and small)

Vegetation Programs Include:

- Large shade trees for COA projects
- Austin's Community Trees & Keep Austin Beautiful Community Grants
- NeighborWoods
- Green Roof Initiative

Trees Provided for Planting

NeighborWoods Tree Planting Program		Austin Community Trees Neighborhood Tree Planting Program		Large Tree Contract for CIP Projects		
Fiscal Year	5 Gallon	Fiscal Year	5 Gallon	Year	5" Caliper Trees	10 - 15 Gallon
FY 2002	700	FY 2005	200	2004	42	
FY 2003	3,000	FY 2006	400	2005	37	
FY 2004	3,600	FY 2007	200	2005	52	
FY 2005	3,600	FY 2008	300	2006	66	
FY 2006	3,600	FY 2009	900	2006	138	
FY 2007	3,600	Total	2000	2007	163	
FY 2008	3,600			2008	421	53
FY 2009	3,600			2009	65	60
Total	25,300	Total Trees Planted	28,397	Total	984	113

Inter-Departmental Collaboration

- Climate Action Team
- Employee Training
- Department Climate Protection Plans
- Building Climate Protection Plans
- Interdepartmental Sustainability Working Group
- Zero Waste Plan
- Master Trails/ Bicycle Plan
- Comprehensive Plan – “Imagine Austin”
- Sequestration Research
- Tree Oversight Committee
- Employee Transportation Demand Management Working Group
- COA Fleet - Fuel Conservation Working Group

Austin Climate Protection Plan

April 2010

