

Community Climate Steering Committee – Meeting #3

July 23, 2014

2:30-4:30pm

Agenda

- Public input - 10 min maximum (3 speakers x 3 min each)
- Discussion of the schedule – 15 minutes
- Briefings on approved City of Austin plans and resolutions that affect GHG emissions
 - The 2007 Austin Climate Protection Resolution
 - Imagine Austin
 - Austin Energy Resource, Generation, and Climate Protection Plan
 - Strategic Mobility Plan
 - Austin Resource Recovery Zero Waste Master Plan
- Community Inventory, Protocol, and Boundaries

The Public Facing Website is Active

<http://austintexas.gov/page/community-greenhouse-gas-emissions>

SEATTLE CLIMATE ACTION PLAN

TRANSPORTATION & LAND USE PLANS

Comprehensive Plan
Transportation Strategic Plan
Consolidated Plan for Housing & Community Development
Transit Master Plan
Bicycle Master Plan
Pedestrian Master Plan
Neighborhood Plans
Freight Master Plan (2014)

BUILDING ENERGY PLANS

Seattle City Light Integrated Resource Plan
Seattle City Light Strategic Plan
Green Buildings & Sites Policy
Municipal Resource Conservation Mngmt Plan (2013)

WASTE PLANS

Solid Waste Management Plan
Public Utilities Strategic Business Plan
Solid Waste Facilities Master Plan

PREPARING FOR CLIMATE CHANGE-RELATED PLANS

Urban Forest Management Plan
Stormwater Management Plan
Water System Plan
Water Shortage Contingency Plan
Disaster Readiness and Response Plan
All Hazards Mitigation Plan

When listening to these briefings:

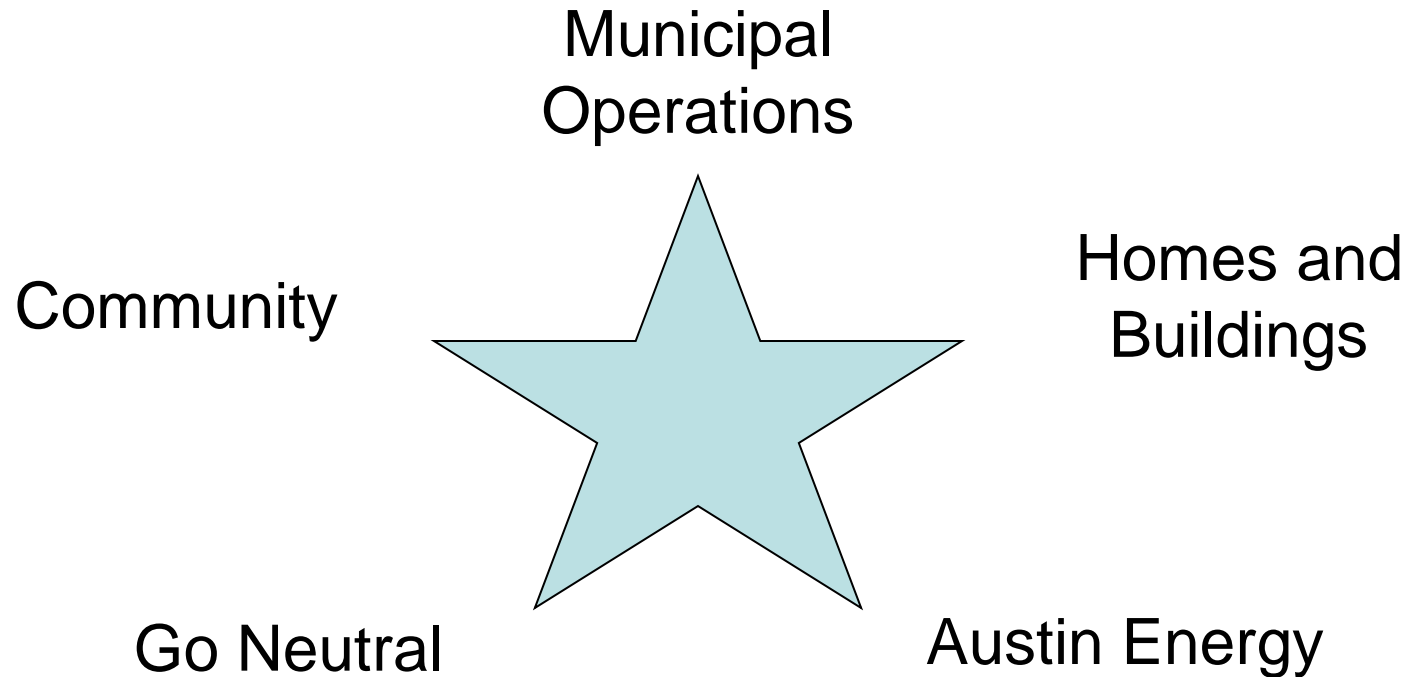
- Ask yourself:
 - How will the actions in this plan affect the reduction of GHG emissions?
 - What is the timeframe for success?
 - How will the strategies and actions proposed in the new Community Climate Plan align with, support, or enhance this plan?

2007 Climate Protection Resolution and Progress

Community Climate Steering
Committee

July 23, 2014

***Make Austin the leading city in the nation
in the effort to reduce and reverse the
negative impacts of global warming***



*All status data is as of December 2012,
we are in the process of gathering CY2013 data*

Municipal Operations

Goals	Make CoA facilities, fleets and operations totally carbon neutral by 2020
Actions	<ul style="list-style-type: none">• 58 Solar PV Installations on city facilities, 1.5 MW and 2.5 million kWh annually• 23 Departments & 5 buildings are implementing Climate Protection Plans• Carbon Neutral Fleet Plan• 75%+ of City employees have been trained on climate change issues
Results	<ul style="list-style-type: none">• 100% of city-owned facilities are subscribed to GreenChoice, using over 460 million kWh per year• 2012 Scope 1 and 2 Municipal Operations Emissions are 70% below the 2007 baseline

Electric Utility

Goals	<p>By 2020 - Make AE the leading utility in the nation for GHG reductions:</p> <ul style="list-style-type: none">• 800 MW of peak demand avoided• 35% of all energy needs through renewable resources including at least 200 MW solar power• Reduce CO2 emissions from power plants to 20% below 2005 levels by 2020
Actions	<ul style="list-style-type: none">• Energy efficiency, demand response, and residential solar programs• Adding renewable capacity through wind, biomass and solar
Results	<ul style="list-style-type: none">• 40% of 800MW has been avoided• 23% renewables by the end of 2013• On target to reduce CO2 emission from power plants to 20% below 2005 levels by 2020

Homes and Buildings

<p>Goals</p>	<p>Implement the most energy efficient building codes in the nation and aggressively pursue energy efficiency retrofits and upgrades to existing building stock</p> <p>Building codes requiring all new single-family homes to be zero net energy capable by 2015</p> <p>Implement building codes to increase energy efficiency in all other new private and public sector buildings by at least 75% by 2015;</p> <p>Implement policies, identify opportunities for energy efficiency retrofits and upgrades, and require cost-effective retrofits and upgrades for all properties at the point of sale;</p> <p>Develop enhanced technical assistance, marketing incentives, and standards; policies requiring achievement of upper-tier ratings in cases where green building is mandated as a product of City programs or negotiations; and develop an optional "Carbon Neutral" certification to accompany green building ratings.</p>
<p>Actions</p>	<ul style="list-style-type: none"> • Amended City of Austin Energy Code to adopt International Energy Conservation Code (IECC) 2006, 2009, 2012 • Implementing the Energy Conservation Audit and Disclosure Ordinance • Multitude of Austin Energy Green Building program improvements
<p>Results</p>	<ul style="list-style-type: none"> • Code improvements have reduced the energy used by new single-family homes by 31% • In 2012, 50% of non-exempt single family homes completed energy audits, 66% of non-exempt multi-family properties completed energy audits, and 80% of commercial space rated their building in portfolio manager .

Go Neutral

Goals	<p><i>Develop and implement a program to assist all citizens, businesses, organizations and visitors in achieving carbon neutrality</i></p> <ul style="list-style-type: none">• Develop an Austin-specific, on-line "carbon footprint calculator;"• Develop a menu of greenhouse gas reduction strategies for local implementation that citizens and organizations can fund through the purchase of "carbon offset" credits, thereby reducing their own carbon footprint;• Promote the concept of carbon neutrality to visitors by offering carbon offsets for purchase by travelers, conventions, tradeshow, and festivals;• Develop a program for recognition of households, businesses and other organizations achieving carbon neutrality;• Cooperate with other local and regional entities to provide technical and investigational assistance and to coordinate region-wide greenhouse gas reduction strategies;• Support all appropriate Federal and State policies and legislation that will lead to the reduction of greenhouse gas emissions.
Actions	<ul style="list-style-type: none">• Positive Impact on Climate and Community, over 1,500 mt CO2 offset and retired from Austin City Limits festival in 2013.• Online carbon calculator used by 1,000 residents, discontinued, online links now offered.• In 2012, 7,821 community members reached with climate/ sustainability information• Austin Green Business Leaders (AGBL) program with over 100 business participation• Participation with EPA Region 6• Coordination with the Urban Sustainability Directors Network and all Texas cities working on climate issues

Community

Goals	<p>Create a greenhouse gas emissions inventory from all sources community-wide against which progress in meeting reduction targets can be measured;</p> <p>Work with stakeholders and technical advisors to establish short-term and long-term targets for reducing these emissions;</p> <p>Report back to City Council in no more than one year with a comprehensive plan for meeting those targets.</p>
Actions	<ul style="list-style-type: none">• Initial community inventory completed in 2007, improved in 2010, further refined in 2013 (now)• 2010 2-day community climate workshop was facilitated by City staff and attended by over 100 community members.• Participants set a target of net-zero greenhouse gas emissions by 2050 and envisioned an “integrated, affordable green lifestyle that supports the local economy and is accessible to all.”• Targets and report back to council never completed.
Results	<ul style="list-style-type: none">• 2014 Net Zero Community GHG Emissions Target set.

END