



To: MAYOR AND CITY COUNCIL

Agenda Item #: Work Session
Item IV

From: Keith Kostuch, EEC Chair, Sarah Zarrin, EEC Vice Chair
Bill Sierks, Former Chair

Action

Discussion

Information

Date: April 7, 2015

Subject: Energy and Environment Commission Joint Meeting

Action Requested:

Provide input or direction on commission activities.

Information / Background:

We are sending this to help you prepare for the April 7 Work Session with the Energy & Environment Commission. The first attachment is slides that Bill Sierks asks to present at the beginning of the work session. The second attachment is a memo prepared by Staff two years ago for the EEC listing the city actions, comp plan language and other information that addresses the City's goals and commitments on Greenhouse Gas emissions and climate change.

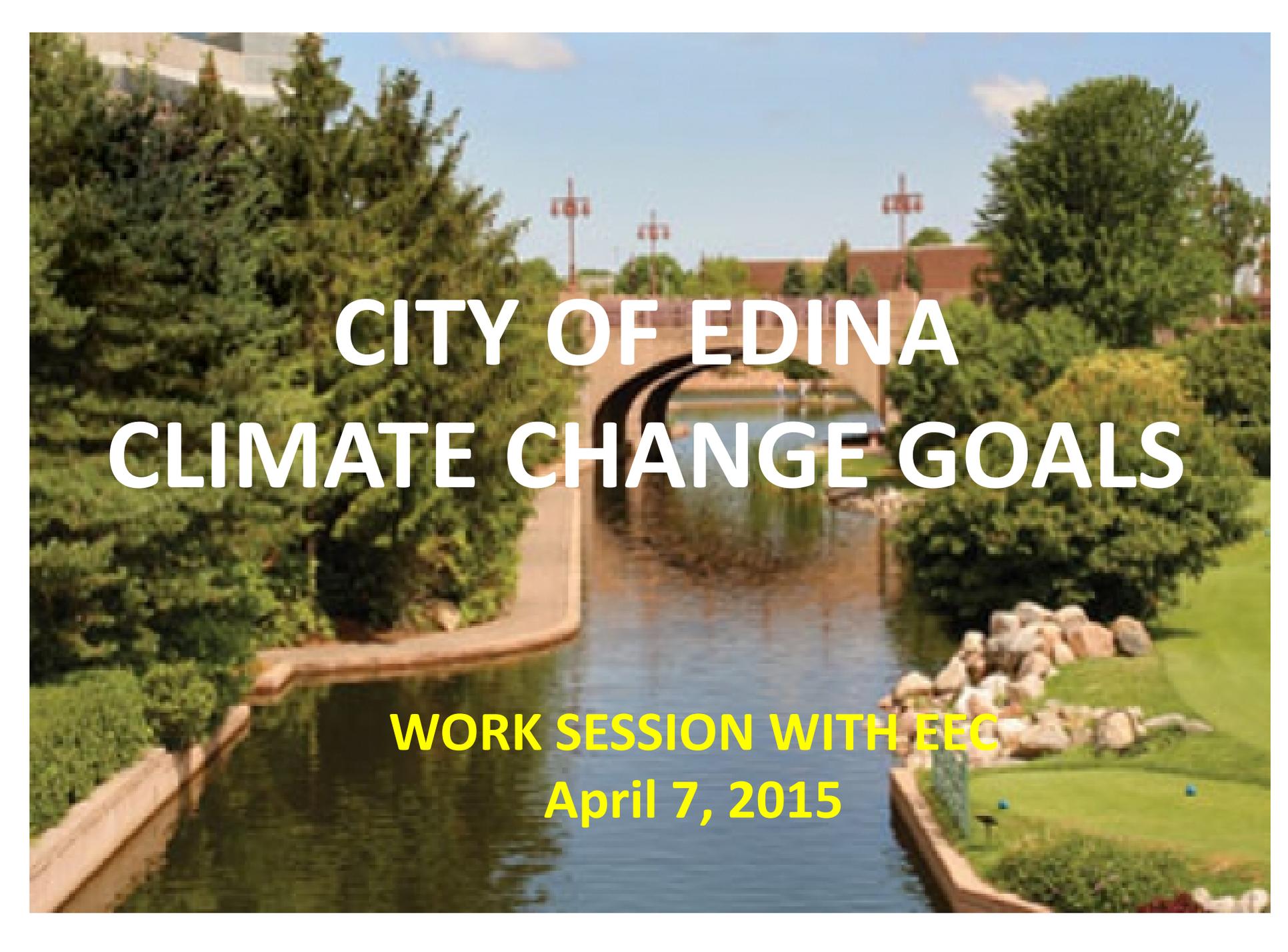
Keith Kostuch and Bill Sierks have prepared these slides for discussion on April 7, and it has the support of the EEC. The City has adopted Greenhouse Gas emission reduction goals and made commitments contained in Edina's Comprehensive Plan. We asked for this work session to address the disconnect between the goals and commitments the City has made, and the lack of strategies, actions, and resources to support those goals. GHG reduction is the EEC's only work plan priority and council approved our work plan. Reducing GHG emissions does not require limiting economic opportunity – there are many examples of actions that are good for the economy and the environment. But acting to reduce GHG emissions requires the commitment and leadership of Council, City Management, and the EEC.

We would like you to review the three attachments before we meet on April 7, and be prepared to address these questions:

- Should the City have any role in reducing GHG emissions and saving energy? If so, what role? (What leadership & commitment by the city does that role require?)
- Do you believe that Council has a role in reducing GHG emissions? If so, what does that role look like?
- Do you believe that City Management and Staff have a role in reducing GHG emissions? If so, what do their roles look like?
- Should EEC play a role in reducing GHG emissions? If so, what does that role look like?

Attachments:

Climate Change Goal Slides
EEC 2015 work plan
2013 Sustainability Goal Summary



CITY OF EDINA CLIMATE CHANGE GOALS

WORK SESSION WITH EEC
April 7, 2015

AGENDA

- **Review City Climate Goals and Progress**
 - City Comprehensive Plan Chapter 10
- **Discuss EEC Recommendations**
 - Council Leadership is Key to Results
- **Create Process For Action Steps and Timetable**

EDINA COMPREHENSIVE PLAN GREENHOUSE GAS REDUCTION GOALS

15 % by 2015

25% by 2025

80% by 2050

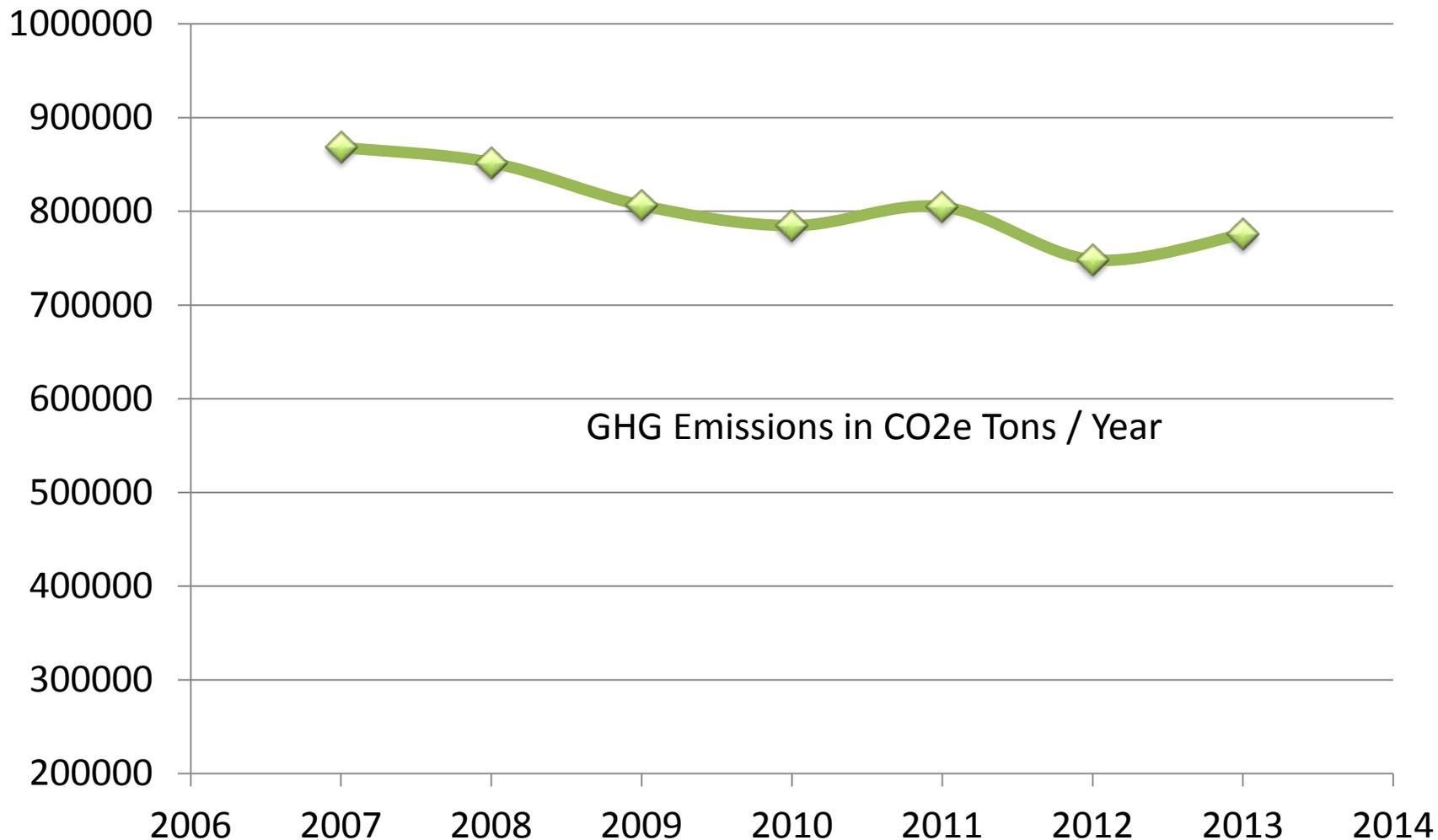
Comp Plan 10.2.3.

SOME PROGRESS ON COMMUNITY- WIDE GHG EMISSIONS

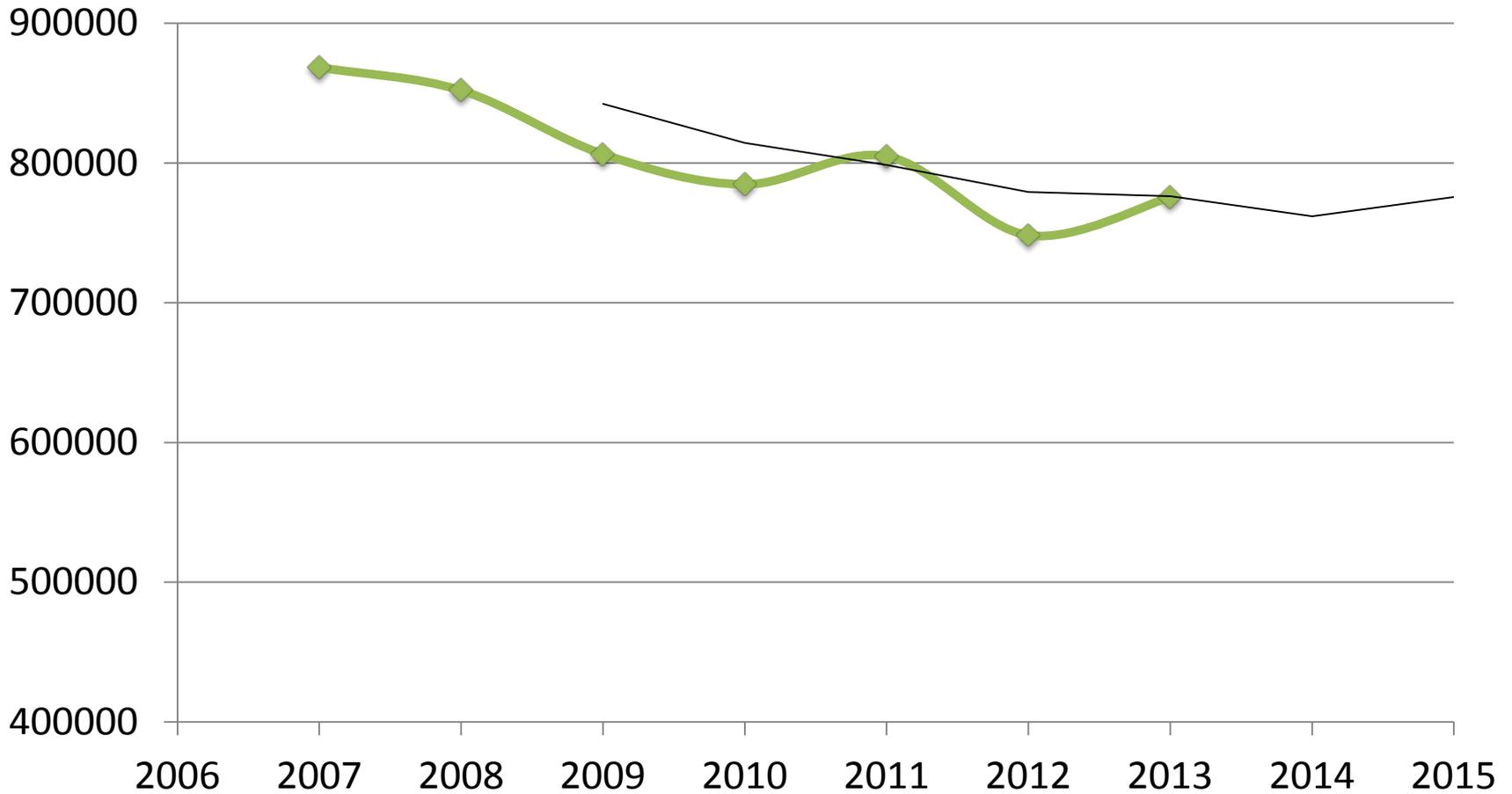
- But City Has No Plan to Meet Goals**
- City Has Not Taken Action on Biggest Opportunity To Reduce GHGs and Save \$**

EDINA COMMUNITY GHG EMISSIONS

2007 - 2013 - Down 8.9%



2015 Goal Requires 5% Reduction From 2013



Comp Plan Progress Report: Action Needed - 1

1. Establish city carbon footprint

--- Inventory, baseline and forecast

- Community Baseline (Regional Indicators)
 - No City Baseline
 - No Inventory
 - No forecast

Comp Plan Progress Report: Action Needed - 2

2. Develop GHG Reduction Targets For City Operations

- No Targets developed

Comp Plan Progress Report:

Action Needed - 3

3. Develop Local Action Plan

- Specific policies and measures to achieve targets
 - Timelines, financing mechanisms
 - Assign responsibility to staff, departments
- **No City Action Plan**

Comprehensive Plan 10.2.3.

EEC RECOMMENDS COUNCIL TAKE SEVERAL ACTIONS

- 1. Set Interim GHG Goals & Targets**
 - A. Energy**
 - B. Vehicle Emissions & Miles Traveled**
 - C. Waste & Wastewater**

EEC RECOMMENDED ACTIONS - 2

- 2. Appoint City Council Champion**
- 3. Name Department and Staff
Responsibility In Specific Work
Plans**

EEC RECOMMENDED ACTIONS - 3

- 4. Provide Funding Support for GHG Action Steps In EEC Workplan**
 - First Priority: Energy Efficient Building Project Funding Is Vital - Approval Needed**

MN BENCHMARKING PROGRAM SHOWS CITY MAY BE WASTING OVER \$500,000 ANNUALLY

- **Edina Ranked # 155 of 214
Benchmarked Cities**
- **\$523,000 in Potential Annual Energy
Savings**
- **Fourth Highest City in Potential
Savings**

EEC WORK PLAN DETERMINED BY ITS ROLE

- **GHG Action is #1 priority**
- **City Building efficiency has been top strategy of EEC for 3 years.**
- **Council has approved this priority**
- **Success requires Council, Staff & Commission Working Together**

“If you will the ends, You will the means”

**THANK YOU FOR YOUR
SUPPORT!!**

commitments				
Progress Report:				
2015 New Initiative Workplan Item 2 (WP2)	Target Completion Date	Budget Required	Staff Support Required	Council Approval
Promote the Reduction of Energy Consumption and Greenhouse Gas Emissions (GHG) in the City of Edina at large to meet Comprehensive Plan Chapter 10 Goals.				
1) Community solar project				
a. City will allocate staff time to scope, bid and execute a community solar project on a city building in 2015 once PUC finalizes community solar details. Public Works roof is initial target site.	December 31, 2015	Staff + \$10,000 (Consultant)	Ross Bintner (100hrs)	
b. EEC commissioners will work with the City staff on this effort				
c. The City will determine whether it wishes to purchase a share in this project for itself				
d. The April 2015 EEC community event will be used to roll out Community Solar to residents	April 1, 2015	Staff Time	Krystal Caron (80hrs)	
2) EEC coordination with Planning, Transportation and Parks commissions to achieve Chapter 10 commitments				
a. EEC commissioners will be encouraged to track these commission meetings and to comment and recommend actions per the City's commitments	December 31, 2015	None	None	
3) Expand City subsidized Home Energy Squad (HES) installs for residents				
a. The City will fund 150 HES installs at a cost of \$10500, prioritize for lower income (a dramatic increase over the current funding of \$4000)	December 31, 2015	\$10,500 (Consultant)	Minor	
b. EEC will educate and promote HES with the goal to get 500 visits in the year.				
Progress Report:				



DATE: March 14, 2013
TO: Energy and Environment Commission
CC: Karen Kurt, Assistant City Manager; Wayne Houle, Director of Engineering.
FROM: Ross Bintner P.E. - Environmental Engineer
RE: **City of Edina Energy, Environment and Sustainability Goal Summary**

This report provides a summary of energy, environment and sustainability goals to support the 2013 EEC work plan item to integrate City environmental sustainability goals into City operations.

Mission and Vision

The Edina 2020 Vision and Strategic Plan includes concepts of “a livable environment,” in which clean drinking water is called out, “effective and valued city services,” that change as the needs of our customers change, “a sound public infrastructure” that forms a stable foundation of our City, “a balance of land uses,” with an extensive network of parks and open spaces with transit friendly development, and “innovation,” such as forming partnerships with schools and community organizations and seeking innovative ways to improve quality of life.

The vision statement itself contains no specific mention of sustainability, energy efficiency or the natural environment and concepts such as pollution prevention, conservation and waste reduction are absent and air quality, water quality, wildlife habitat and other environmental services and are not mentioned. The vision statement:

- *Edina will be the preeminent place for living, learning, raising families and doing business as distinguished by: 1) A livable environment, 2) Effective and valued city services, 3) A sound public infrastructure, 4) Balance of land uses, and 5) Innovation*

The mission statement of the City recognizes land redevelopment’s role in sustaining quality of life.

- *Our mission is to provide effective and valued public services, maintain a sound public infrastructure, offer premier public facilities and guide the development and redevelopment of lands, all in a manner that sustains and improves the uncommonly high quality of life enjoyed by our residents and businesses*

Comprehensive Plan chapter 2 Vision, Goals and Objections, details examples of innovation and the nation leading land use examples of the Country Club, 50th and France, Southdale Center and Centennial Lake and Edinborough mixed uses. Objectives articulated in the 2020 Vision that tangentially relate to energy, environment or sustainability, include accommodating the efficient movement of people and goods in and around Edina and efficiently employing technological advancements to provide city services.

Goals and Policy

Specific City Council resolutions, City ordinance and the comprehensive plan were reviewed. The following is a summary of types of environmental services mentioned, and specific goals articulated in each of the documents.

- I. 2007-05 City Code Section 1502.03 and formation of the EEC
 - a. No specific goals set.

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2. 2007-20 Endorsing US Mayors Climate Protection Agreement
 - a. Preamble contains mentions of IPCC study, greenhouse gas (GHG) reduction, climate change, adaptation, planning for natural disasters, and the Kyoto Protocol.
 - b. RESOLVED, that the U.S. Conference of Mayors endorses the U.S Mayors Climate Protection Agreement.
 - c. RESOLVED, that the U.S. Conference of Mayors will work in conjunction with ICLEI Local Governments for sustainability or other appropriate organization for track progress and implementation of the U.S. Mayors Climate Agreement. (The wording of the ordinance seems to simply proclaim the work of the US Mayor group)

3. 2007-119 Joining ICLEI Cities for Climate Protection Campaign
 - a. Preamble assumes 2007-20 authorized city signing the U.S. Mayors Climate Protection Agreement and that the City has committed to take a variety of actions including:
 - i. Urging Federal policy and programs to meet Kyoto protocol goals
 - ii. Promote land use and transportation policies that reduce GHG
 - iii. Increase use of renewable energy and energy efficiency
 - iv. Adopt purchasing and building construction and operations practices that reduce GHG
 - v. Increase recycling rates and urban forest cover
 - vi. Support education efforts to reduce GHG in the community
 - b. RESOLVED, City will join ICLEI Cities Climate Protection Campaign and take a leadership role in reducing GHG in the community and promote public awareness about impacts of climate change.

4. 2008 Comprehensive Plan [Chapter 10](#) Energy and Environment
 - a. Section 10.1 Introduction and History: This section describes a history of environmental action in Edina and the formation of the EEC.
 - b. Section 10.2 Climate Change and Global Warming: includes trends and challenges, background describing ICLEI and Mayor Climate Protection resolutions, and 2007 State GHG goal are included. This section includes the following goals and policies:
 - i. *Conduct 2007 Baseline GHG emissions assessment*
 - ii. *GHG reduction goal: 15% reduction by 2015, 25% reduction by 2025, 80% reduction by 2050*
 - iii. *Develop a local action plan*
 - iv. *Implement policies and measures in the local action plan*
 - v. *Monitor and verify results of implementation*
 - c. Section 10.3 Energy: Describes environmental costs of current mix of energy generation, and states importance of developing local and renewable sources of electric power. Topics of biofuels and fuel use reduction are covered. This section includes the following goals and policies:
 - i. *Lead by example in conserving energy and developing renewable energy for city buildings, fleets and operations.*
 - ii. *Promote community and business energy conservation including policies or incentives for energy efficiency, renewable energy, and reduction in GHG*
 - iii. *Adopt purchasing guidelines for Edina that include renewable energy sources such as wind sourced electric or biofuels.*
 - iv. *Promote educational programs to inform residents and businesses about energy*
 - v. *Obtains grants for adoption of renewable energy sources and work to make these projects self-sustaining.*
 - d. Section 10.4 Solar Protection: Discusses potential for ordinances for solar protection and details 4 considerations and specific actions to develop further policy in this area. This section includes the following goals and policies:

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- i. Continue to enforce setback, building height, and lot coverage ordinance that can serve as protection to solar access*
 - ii. Consider access to solar when reviewing variance applications*
 - iii. Promote use of passive solar in building design*
 - iv. Establish policies to restrict development for the purpose of protection solar access*
- e. Section 10.5 Residential Energy Consumption: The section details the three major components of residential energy use; electric, heat and transportation and discusses energy trends and the Energy Star label. This section includes the following goals and policies:
 - i. Inform residents on energy efficiency*
 - ii. Create incentives to reduce residential energy use*
 - iii. Promote LEED certification for new construction*
 - iv. Encourage green materials and tree planting to reduce heating and cooling needs*
 - v. Inform homebuilders and remodelers of energy efficiency*
- f. 10.6 Commercial and Industrial Energy Consumption: This section discusses potential opportunity for efficiency in the commercial and industrial sector, as well as challenges. This section includes the following goals and policies:
 - i. Promote renewable energy*
- g. 10.7 City Energy Consumption: Describes the ability of the city to play a leadership role by reducing its own energy in buildings (56%), water and sanitary operations (33%), Fleet (5%), Street lights (2%) and employee commute (4%). This section includes the following goals and policies:
 - i. Create benchmarks for current energy use in all public facilities and reduce to GHG reduction goal.*
 - ii. Establish policy for annual build energy use report and goals for reduction.*
- h. Section 10.8 Waste: This section discusses the history of recycling in Edina, and describes the state of the industry and an increasing amount of waste generated. Trends in waste types and options for handling are discussed such as sources separated organic composting and electronic waste. This section includes the following goals and policies:
 - i. Continue to operate a household recycling program encouraging reduction, reuse and recycling*
 - ii. Encourage backyard home composting of organic material*
 - iii. Support citywide collection of source separate organics*
 - iv. Encourage businesses to participate in MN chamber waste wise program*
 - v. Encourage proper disposal of household hazardous waste*
 - vi. Educate consumers to buy green*
 - vii. Recommend changes to City purchasing policy*
 - viii. Expand range of plastics that can be recycled*
 - ix. Encourage greater recycling among businesses*
 - x. Identify an Edina site that would produce renewable energy from City waste, such as an anaerobic digester.*
- i. Section 10.10.1 Air: This section describes coal burning and automobile traffic as major causes of impairment to generally good air quality and also details potential indoor air quality issues. This section includes the following goals and policies:
 - i. Cooperate with statewide and regional air quality efforts*
 - ii. Encourage mechanical ventilation systems in new homes*
 - iii. Provide incentives for building practices that improve indoor air quality*
 - iv. Encourage tree planting to reduce noise and absorb carbon*
 - v. Consider vehicle idling ordinance, and promote 'no idling' near school and public parking lots*
 - vi. Promote the use of renewable energy sources to reduce coal particulate in regional air*

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5. 2008 Comprehensive Plan – Related Chapters

- a. [Chapter 4](#) – Land Use
 - i. Chapter 4.2 details natural features, landforms, water resources around which the built-environment is situated. The land use example of Southdale explains a context of using a massive heat pump, the largest in the world at the time, to “make our own weather at Southdale.”
 - ii. Chapter 4.3 details issues around zoning, mixed uses, and connectivity of transportation networks.
 - iii. Chapter 4.4 includes goals to increase pedestrian and bicycling opportunities and connects, and reduce dependence on the car, as well incorporating principles of sustainability and energy conservation into all aspects of design, construction, renovation, and long-term operation of new and existing development. This chapter also talks about the fundamental link between land use and transportation.
- b. [Chapter 7](#) – Transportation
 - i. Goals include; Minimizing the impacts of the transportation system on Edina’s , reducing the overall dependence on and use of single-occupant vehicles, Provide multiple travel options for transit users, pedestrians, bicyclists, and rideshare users, managing parking and encourage join and shared use of facilities, ride share, bicycle parking, and increased transit use, and providing efficient movement of goods.
 - ii. Policies include; Use economic and environmentally sound management techniques for snow and ice removal, a variety of pedestrian and bicycle recommendations.
- c. [Chapter 8](#) – Water Resource Management
 - i. This section covers the three major utilities that provide clean water service to Edina; Sanitary Sewer, Domestic Water, and Storm Sewer. Descriptions of the capacity of trunk sewers indicate that total water and sanitary use are a critical factor in the ultimate development density of the City. The storm sewer services of clean surface water and flood protection are described in detail and reference the Comprehensive Water Resource Management Plan, Nondegradation of Waters Report, local watershed plans, individual lake studies, and Stormwater Pollution Prevention Plan.
 - ii. Goals include; Eliminating inflow and infiltration of clean water into the sanitary system and protecting the health safety and welfare of citizens, modifying permitting and enforcement processes for construction activities, clean water education, providing clean, safe and high quality potable water, provide for sustainability of water supply through promotion of water conservation.
 - iii. Policies include; Eliminating points of inflow and infiltration to the sanitary system, restricting discharge of clean water into the sanitary system, implementation of the various surface water and pollution prevention plans for clean water and flood protection and implementation of the Water Supply Plan to encourage a reduction in water demand.
- d. [Chapter 9](#) – Parks Open Space, and Natural Resources
 - i. This section details links to surface water quality and parks operations, the restoration of natural resources, links to community health, active living goals and recreation places and space opportunities and regional amenities and trail networks. A variety of natural areas are catalogued, and environmental trends listed.
 - ii. This section includes a “Natural Resource Conservation and Management” part that details water resources and natural areas, and a “Wildlife Management Plan” that details habitat for birds and wildlife, and conservation and restoration of natural areas.
 - iii. Natural resource and wildlife goals include; Establishing a natural resource conservation and management plan for restoration and protection of natural resources. Ensure development

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includes provisions for protection of shorelines, creeks and lakes. Identify a master landscape planting plan for all Edina parks. Conserve and replace Edina urban forest. Maintain existing wildlife sanctuaries. Continue to improve shoreline fishing opportunities.

- iv. Natural resource and wildlife policies include; conducting a natural resource inventory of prairies, woods, wetlands, establishing a natural resource conservation and management plan, managing deer, goose and beaver population, and provide fishing opportunities.
6. 2011-37 Joining Greenstep Cities
 - a. No specific goals or policy set; implementation actions intended to help City meet its sustainability goals. Challenge, competition, recognitions and ideas-network functions served as well.
 - b. Preamble describes GHG reduction goals in 2007 Next Generation Act goals.
 - c. Appoints the EEC to serve as the GreenStep coordinator.
 7. Ordinance section 1502 – Energy and Environment Commission
 - a. No specific goals or policies set; duties section gets into specific detail on actions to take.
 - b. The Council, recognizing the need to support and advance environmental protection, conservation efforts including energy conservation, and waste reduction, and to improve thereby the overall welfare of the citizens of the City, does hereby establish the Energy and Environment Commission.
 - c. Duties; The Commission shall:
 - i. *Examine and recommend best practices for energy conservation for Edina’s citizens and businesses, including a “green” building code, use of Energy Star appliances, and other energy reduction targets.*
 - ii. *Examine and recommend changes in City Government purchasing and operations to conserve energy.*
 - iii. *Evaluate and monitor the provision of a residential recycling program.*
 - iv. *Evaluate and monitor the provision of a privately provided solid waste program, as well as a reduction in municipal solid waste produced by Edina residents and businesses.*
 - v. *Evaluate and encourage improvements in air and water quality.*
 - vi. *Promote the establishment of targets for the reduction of greenhouse gas emissions produced by the City’s buildings, equipment and operations.*
 - vii. *Educate the public about energy issues, reduction, conservation, reuse, recycling and environmental protection.*
 - viii. *Examine and promote renewable energy options for transportation, heating, and cooling, and other energy uses.*

Attachments:

Link to [Vision and Strategic Plan](#)

Link to [Comprehensive Plan](#)

Resolution 2007-20

Resolution 2007-119

Resolution 2011-37

Section 1502 Energy and Environment Commission

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RESOLUTION NO. 2007-20

City of Edina

ENDORING THE U.S. MAYOR'S CLIMATE PROTECTION AGREEMENT

WHEREAS, the U.S. Conference of Mayors has previously adopted strong policy resolutions calling for cities, communities and federal government to take actions to reduce global warming pollution; and

WHEREAS, the Inter-Governmental Panel on Climate Change (IPCC), the international community's most respected assemblage of scientists, has found that climate disruption is a reality and that human activities are largely responsible for increasing concentrations of global warming pollution; and

WHEREAS, recent, well-documented impacts of climate disruption include average global sea level increases of four to eight inches during the 20th century; an 40 percent decline in Arctic sea-ice thickness; and nine of the ten hottest years on record occurring in the past decade; and

WHEREAS, climate disruption of the magnitude now predicted by the scientific community will cause extremely costly disruption of human and natural systems throughout the world including: increased risk of floods or droughts; sea-level rises that interact with coastal storms to erode beaches, inundate land, and damage structures; more frequent and extreme heat waves; more frequent and greater concentrations of smog; and

WHEREAS, on February 16, 2005, the Kyoto Protocol, an international agreement to address climate disruption, went into effect in the 141 countries that have ratified it to date; 38 of those countries are now legally required to reduce greenhouse gas emissions on average 5.2 percent below 1990 levels by 2012; and

WHEREAS, the United States of America, with less than five percent of the world's population, is responsible for producing approximately 25 percent of the world's global warming pollutants; and

WHEREAS, the Kyoto Protocol emissions reduction target for the U.S. would have been 7 percent below 1990 levels by 2012; and

WHEREAS, many leading U.S. companies that have adopted greenhouse gas reduction programs to demonstrate corporate social responsibility have also publicly expressed preference for the U.S. to adopt precise and mandatory emissions targets and timetables as a means by which to remain competitive in the international marketplace, to mitigate financial risk and to promote sound investment decisions; and

WHEREAS state and local governments throughout the United States are adopting emission reduction targets and programs and that this leadership is bipartisan, coming from Republican and Democratic governors and mayors alike; and

WHEREAS, many cities throughout the nation, both large and small, are reducing global warming pollutants through programs that provide economic and quality of life benefits such as reduced energy bills, green space preservation, air quality improvements, reduced traffic congestion, improved transportation choices, and economic development and job creation through energy conservation and new energy technologies; and

WHEREAS, mayors from around the nation have signed the U.S. Mayors Climate Protection Agreement which, as amended at the 73rd Annual U.S. Conference of Mayors meeting, reads:

The U.S. Mayors Climate Protection Agreement

- A. We urge the federal government and state governments to enact policies and programs to meet or beat the target of reducing global warming pollution levels to 7 percent below 1990 levels by 2012, including efforts to: reduce the United States' dependence on fossil fuels and accelerate the development of clean, economical energy resources and fuel-efficient technologies such as conservation, methane recovery for energy generation, waste to energy, wind and solar energy, fuel cells, efficient motor vehicles, and biofuels;
- B. We urge the U.S. Congress to pass bipartisan greenhouse gas reduction legislation that includes 1) clear timetables and emissions limits and 2) a flexible, market-based system of tradable allowances among emitting industries; and
- C. We will strive to meet or exceed Kyoto Protocol targets for reducing global warming pollution by taking actions in our own operations and communities such as:
 - 1. Inventory global warming emissions in City operations and in the community, set reduction targets and create an action plan;
 - 2. Adopt and enforce land-use policies that reduce sprawl, preserve open space, and create compact, walkable urban communities;
 - 3. Promote transportation options such as bicycle trails, commute trip reduction programs, incentives for car pooling and public transit;
 - 4. Increase the use of clean, alternative energy by, for example, investing in "green tags" advocating for the development of renewable energy resources, recovering landfill methane for energy production, and supporting the use of waste to energy technology;
 - 5. Make energy efficiency a priority through building code improvements, retrofitting city facilities with energy efficient lighting and urging employees to conserve energy and save money;
 - 6. Purchase only Energy Star equipment and appliances for City use;

7. Practice and promote sustainable building practices using the U.S. Green Building Council's LEED program or a similar system;
8. Increase the average fuel efficiency of municipal fleet vehicles; reduce the number of vehicles; launch an employee education program including anti-idling messages; convert diesel vehicles to bio-diesel;
9. Evaluate opportunities to increase pump efficiency in water and wastewater systems; recover wastewater treatment methane for energy consumption;
10. Increase recycling rates in City operations and in the community;
11. Maintain healthy urban forests; promote tree planting to increase shading and to absorb CO2; and
12. Help educate the public, schools, other jurisdictions, professional associations, business and industry about reducing global warming pollution.

NOW, THEREFORE, BE IT RESOLVED, that the U.S. Conference of Mayors endorses the U.S. Mayors Climate Protection Agreement as amended by the 73rd annual U.S. Conference of Mayors meeting and urges mayors from around the nation to join this effort.

BE IT FURTHER RESOLVED, the U.S. Conference of Mayors will work in conjunction with ICLEI Local Governments for sustainability and other appropriate organization for track progress and implementation of the U.S. Mayors Climate Agreement as amended by the 73rd annual U.S. Conference of Mayor's meeting.

ATTEST: Delia A. Mugh _____
 City Clerk Mayor

STATE OF MINNESOTA)
 COUNTY OF HENNEPIN) SS
 CITY OF EDINA)

CERTIFICATE OF CITY CLERK

I, the undersigned duly appointed and acting City Clerk for the City of Edina do hereby certify that the attached and foregoing Resolution was duly adopted by the Edina City Council at its Regular Meeting of February 6, 2007, and as recorded in the Minutes of said Regular Meeting.

WITNESS my hand and seal of said City this ____ day of _____, 20__.

 City Clerk



RESOLUTION NO. 2007-119
CITY OF EDINA
JOINING ICLEI CITIES FOR
CLIMATE PROJECTION CAMPAIGN

City of Edina

WHEREAS, the City Council has determined that it is in the City's best interests to take action to stop global warming; and

WHEREAS, on February 6, 2007, the City Council approved Resolution No. 2007-20 concerning the Cities for Climate Protection and the U.S. Mayors Climate Protection Agreement. The City Council approved signing the U.S. Mayors Climate Protection Agreement and also requested that the new Energy and Environment Commission review the requirements of the ICLEI Cities for Climate Projection program and present a recommendation to the Council on whether to join ICLEI; and

WHEREAS, in joining 28 other Minnesota cities and over 700 U.S. cities in signing the U.S. Mayors Climate Protection Agreement, Edina has committed to take actions including the following: (1) Urging the federal government and state governments to enact policies and programs to meet or beat the target of reducing global warming pollution levels to 7 percent below 1990 levels by 2012; (2) Promoting land use and transportation policies that result in reduced greenhouse gas emissions; (3) Increasing the use of clean, renewable energy and making energy efficiency a priority; (4) Adopting purchasing and building construction and operation practices that reduce greenhouse gas emissions; (5) Increase recycling rates and urban forest cover; and (6) Support education efforts about how to take actions to reduce greenhouse gas emissions.

WHEREAS, ICLEI's Cities for Climate Protection (CCP) Campaign assists cities to adopt policies and implement quantifiable measures to reduce local greenhouse gas emissions, improve air quality, and enhance urban livability and sustainability. The campaign is based around five milestones that local governments commit to undertake. The milestones allow local governments to understand how municipal decisions affect energy use and how these decisions can be used to mitigate global climate change while improving community quality of life. Edina would join more than 800 local governments participate in the CCP, integrating climate change mitigation into their decision-making processes

WHEREAS, the Energy and Environment Commission passed a motion unanimously recommending that the City join ICLEI's Cities for Climate Protection Campaign at its meeting in September 2007. The Commission stated that ICLEI membership will enable the City to access the tools and technical assistance offered by ICLEI and learn from the experience of other member cities.

NOW, THEREFORE, BE IT RESOLVED, by the Edina City Council that the City of Edina join ICLEI's Cities for Climate Protection Campaign as a full member and, through its Energy and Environment Commission, take a leadership role in reducing greenhouse gas emissions in the community and in promoting public awareness about the causes and impacts of climate change.

ADOPTED this 5th day of November, 2007.

A handwritten signature in blue ink, reading "Delia A. Manger".

A large, stylized handwritten signature in blue ink, possibly reading "Manger".

City Hall

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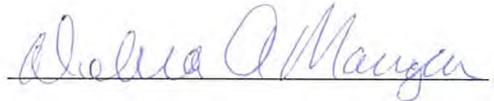
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TTY 952-826-0379

STATE OF MINNESOTA)
COUNTY OF HENNEPIN)SS
CITY OF EDINA)

CERTIFICATE OF CITY CLERK

I, the undersigned duly appointed and acting City Clerk for the City of Edina do hereby certify that the attached and foregoing Resolution was duly adopted by the Edina City Council at its Regular Meeting of November 5, 2007, and as recorded in the Minutes of said Regular Meeting.

WITNESS my hand and seal of said City this 5th day of Nov, 2007.



Debra A. Mangen, City Clerk



RESOLUTION NO 2011-37
A RESOLUTION AUTHORIZING THE CITY OF EDINA
TO PARTICIPATE IN THE MINNESOTA GREENSTEP CITIES PROGRAM

City of Edina

The GreenStep Cities program aims to provide Minnesota cities a clear pathway to greater sustainability based upon implementing best practices specific to Minnesota cities of differing sizes and capabilities. Due to the multiple environmental, economic and social dimensions of the best practices, leadership from a city's council is needed to oversee their implementation and coordination/integration with other city and community activities and with other governmental jurisdictions (such as surrounding townships) as appropriate.

WHEREAS, uncertainty in energy prices and the transition away from fossil fuel energy sources present new challenges and opportunities to both the City of Edina and to the economic health of its citizens and businesses; and

WHEREAS, climate changes have been observed in Minnesota and have the potential to negatively impact local, regional and state economies; infrastructure development; habitat; ecological communities, including native fish and wildlife populations; spread invasive species and exotic diseases; reduce drinking water supplies and recreational opportunities; and pose health threats to our citizens; and

WHEREAS, local governments have the unique opportunity to achieve both energy use and climate change gas reductions through building and facilities management; land use and transportation planning; environmental management; and through economic and community development; and

WHEREAS, efforts to address energy and climate issues provide an opportunity to move toward energy self-reliance and greater community resiliency; provide environmentally healthy and cheaper-to-operate public buildings; encourage new economic development and local jobs; and support local food and renewable energy production; and

WHEREAS, the City of Edina has completed their Carbon Emissions Benchmark for the year 2007 and submitted the results to the Carbon Disclosure Project (CDP); and

WHEREAS, Minnesota Session Laws 2008, Chapter 356, Section 13 directed the Minnesota Pollution Control Agency ("MPCA") and Office of Energy Security in the Department of Commerce ("Office of Energy Security"), in collaboration with Clean Energy Resource Teams ("CERTs"), to recommend municipal actions and policies that work toward meeting the State's greenhouse gas emissions reduction goals; and

WHEREAS, the Next Generation Act of 2007, Minnesota Session Laws 2007 - Chapter 136:

- (1) sets State greenhouse gas emissions reduction goals of cutting emissions to 15 percent below 2005 levels by 2015, 30 percent below 2005 levels by 2025, and 80 percent below 2005 levels by 2050;
- (2) sets a State energy conservation goal of achieving annual energy savings equal to 1.5 percent of annual retail energy sales of electricity and natural gas;
- (3) establishes an energy policy goal that the per capita use of fossil fuel as an energy input be reduced by 15 percent by the year 2015, through increased reliance on energy efficiency and renewable energy alternatives;
- (4) establishes an energy policy goal that 25 percent of the electricity used in the state be derived from renewable energy resources by the year 2025; and

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WHEREAS, a broad coalition of public and private stakeholders including the League of Minnesota Cities, the MPCA, Office of Energy Security and CERTs responded to the 2008 legislation by establishing the Minnesota GreenStep Cities program to provide a series of sustainable development best practices focusing on local government opportunities to reduce energy use and greenhouse gases; and

WHEREAS, the Minnesota GreenStep Cities program assists in facilitating technical assistance for the implementation of these sustainable development best practices; and

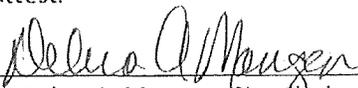
WHEREAS, the Minnesota GreenStep Cities program provides cost-effective sustainable development best practices in the following five categories: (1) Buildings and Lighting; (2) Transportation; (3) Land Use; (4) Environmental Management; and (5) Economic and Community Development;

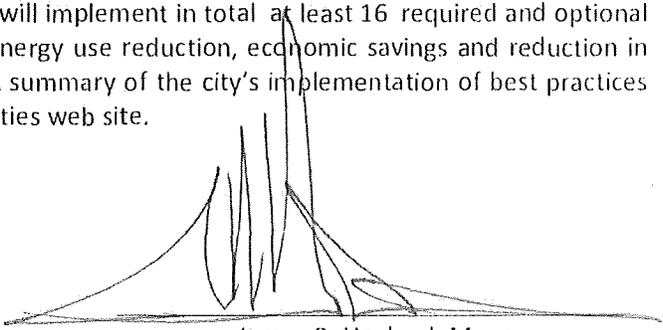
NOW, THEREFORE, be it resolved that the City Council of the City of Edina does hereby authorize the City of Edina (the "City") to participate in the Minnesota GreenStep Cities program. Be it further resolved that the City:

1. Appoints the Edina Energy and Environment Commission to serve as the city's GreenStep coordinator to facilitate best practice implementation; and
2. Will facilitate the involvement of community members, civic, business and educational organizations, and other units of government as appropriate, the Edina City Council, the Edina Energy and Environment Commission, the Edina Planning Commission, the Edina Transportation Commission, the Bike Edina Task Force, the Edina Community Health Committee and the Edina Park and Recreation Board, as well as Edina city staff in the planning, in the promoting and implementing of GreenStep Cities best practices; and
3. Plans to take actions to implement the following best practices:
 #1 Public Buildings & Lighting, #2 Efficient Private Existing Buildings & Lighting, #6 Comprehensive Plan, #11 Complete Streets, #12 Mobility Options, #15 Purchasing, #16 Urban Forests, #17 Efficient Stormwater Management, #18 Green Infrastructure, #19 Surface Water Quality, #22 Solid Waste, #23 Local Air Quality, #24 Benchmanrs & Community Engagement (counts as two best practices), #25 Green Business Development, and #26 Renewable Energy, and
4. Will claim credit for having implemented and will implement in total at least 16 required and optional GreenStep best practices that will result in energy use reduction, economic savings and reduction in the community's greenhouse gas footprint. A summary of the city's implementation of best practices will be posted on the Minnesota GreenStep Cities web site.

ADOPTED this 18th day of January, 2011.

Attest:


Debra A. Mangen, City Clerk


James B. Hovland, Mayor

STATE OF MINNESOTA)
COUNTY OF HENNEPIN) SS
CITY OF EDINA)

CERTIFICATE OF CLERK

I, the undersigned duly appointed and acting City Clerk for the City of Edina, do hereby certify that the attached and foregoing Resolution is a true and correct copy of the Resolution duly adopted by the Edina City Council at its Regular Meeting of January 18, 2011, and as recorded in the Minutes of said Regular Meeting.

WITNESS my hand and seal of said City this 18th day of Jan 20 11.


City Clerk

Section 1502 - Energy and Environment Commission

1502.01 Policy and Establishment. The Council, recognizing the need to support and advance environmental protection, conservation efforts including energy conservation, and waste reduction, and to improve thereby the overall welfare of the citizens of the City, does hereby establish the Energy and Environment Commission (the "Commission").

1502.02 Duties. The Commission shall:

- A. Examine and recommend best practices for energy conservation for Edina's citizens and businesses, including a "green" building code, use of Energy Star appliances, and other energy reduction targets.
- B. Examine and recommend changes in City Government purchasing and operations to conserve energy.
- C. Evaluate and monitor the provision of a residential recycling program.
- D. Evaluate and monitor the provision of a privately provided solid waste program, as well as a reduction in municipal solid waste produced by Edina residents and businesses.
- E. Evaluate and encourage improvements in air and water quality.
- F. Promote the establishment of targets for the reduction of greenhouse gas emissions produced by the City's buildings, equipment and operations.
- G. Educate the public about energy issues, reduction, conservation, reuse, recycling and environmental protection.
- H. Examine and promote renewable energy options for transportation, heating, and cooling, and other energy uses.

1502.03 Membership. The Commission shall consist of ten regular and two student members.

History: Ord 2007-05 Adopted 04-03-07; Ord 2009-04, 03-17-09; Ord 2010-04, 03-02-10; Ord 2011-02 deleted Section 146 replaced by Section 1502

Cross Reference: Section 1500