

VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION
For Inclusion on Board Agenda

_____ Resolution or Ordinance (Blue) _____ Waiver of First Requested
 X Recommendations of Boards, Commissions & Committees (Green)
_____ Other Business (Pink)

TO: PRESIDENT AND BOARD OF TRUSTEES

FROM: David A. Hulseberg, Village Manager

DATE: May 16, 2013 (COW) (B of T) **Date:** May 3, 2013

TITLE: Cool Cities 2015 Goals

SUBMITTED BY: David P. Gorman, Assistant Director of Public Works *DAG*

BACKGROUND/POLICY IMPLICATIONS:

A recommendation from the Environmental Concerns Committee to endorse the Village President's signature on the Cool Cities program goals for 2015.

FISCAL IMPACT/FUNDING SOURCE:

\$0.00

Review (as necessary):

Village Attorney X _____ Date _____

Finance Director X _____ Date _____

Village Manager X _____ Date _____

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Agenda Distribution.



MEMORANDUM

TO: David A. Hulseberg, Village Manager

THROUGH: Carl S. Goldsmith, Director of Public Works *S*

FROM: David P. Gorman, Asst. Director of Public Works *DPG*

SUBJECT: Cool Cities 2015 Goals

DATE: May 3, 2013

The Environmental Concerns Committee (ECC) has voted to recommend that the Board of Trustees endorse the Village President's signature on the attached Cool Cities program form. The program aims to reduce carbon emissions that are contributing to global climate change. Please place this item on the Board of Trustees meeting agenda for a vote by motion.

Background:

The Village had adopted and has met the following original Cool Cities goals in 2009: (1) sign the US Mayors Climate Protection Agreement to reduce greenhouse gas emissions to 7% below 1990 levels by 2012, (2) incorporate hybrid and other cleaner fleet cars, (3) modernize municipal buildings with energy saving technology and (4) invest in clean and renewable energy. Lombard met the emissions reduction goal mostly due to the decision to specify carbon-free sources for the electricity aggregation contract.

The main new Cool Cities goal is to reduce carbon emissions by 2% per year from 2009 baseline levels through 2015. Thus, the total reduction goal to meet by 2015 is 7% (from below 1990 levels) plus 12% (for six years of 2009 to 2015) for a total reduction of 19% from 1990 levels. I have calculated that our actual reduction to date, again mainly due to the electricity aggregation contract, is 26%. Thus, Lombard has already met the 2015 goal. Even so, the consensus of the Committee was that signing onto the goals was important to express the Board's continued commitment to sustainability, particularly for when the current electricity aggregation contract expires.

Recommendation:

The ECC voted unanimously on 4/23/13 to recommend that the Board of Trustees endorse the Village President's signature on the Cool Cities 2015 goals. Staff notes that the goals have already been met so there is no financial obligation to the proposed action.



Illinois Cool Cities Local Sustainability Protection Agreement 2015 Goals

- A. We urge the federal government and state governments to enact policies and programs 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, wind and solar energy, fuel cells, and electric and efficient motor vehicles;**
- B. We urge the U.S. Congress to pass bipartisan greenhouse gas reduction legislation that 1) includes 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 the target to reduce climate change pollution by 2% per year from 2009 baseline levels (per capita) by taking actions in our own operations and communities such as:**

1. Inventory

- Inventory baseline energy metrics in City operations and in the community and set reduction targets.

2. Plan

- Create an action plan for city operations and community.

3. Implement

In addition to the 2012 goals set forth by the U.S. Mayors Climate Protection Agreement, consider the following energy saving measures.

- Encourage residents to take advantage of energy efficiency measures in their own homes by using free tools such as the CUB Energy Saver program (www.cubenergysaver.com/teams/sierraclub) or the Energy Impact program (www.energyimpactillinois.org) to identify energy and money saving measures.
- Endorse Complete Streets and Bicycle Friendly Community measures to ensure safe environmentally friendly transit options.
- Become an EPA designated Green Power Community by sourcing a portion of consumed energy from green sources.
- Aggregate the community's energy consumption to provide a green option for residents, often at lower cost than traditional dirty energy. Communities are encouraged to first seek out locally generated renewable energy.
- Engage in sustainable waste management practices by prioritizing recycling, composting, and construction/deconstruction diversion programs over traditional landfill waste disposal.

- Support policies that make the grid accessible to clean energy.
- Implement incentives and policies to encourage electric vehicle infrastructure and use, with an emphasis on renewable source charging.
- Encourage local food production and consumption through farmer's markets, co-ops, urban agriculture, community kitchens and community gardens.
- Educate residents on energy saving measures available at home and throughout the community through events and outreach.
- Issue a resolution to support the Environmental Protection Agency's Clean Air Act protections to reduce pollution and protect public health
- Support funding mechanisms, like the PACE program (property assessed clean energy), that remove cost barriers for clean energy and energy efficiency installations

4. Monitor and Evaluate

- Create a webpage to update city residents on the progress of action plan and encourage engagement in energy saving activities.

2012 goals set forth by the U.S. Mayors Climate Protection Agreement

- Adopt and enforce land-use policies that reduce sprawl, preserve open space, and create compact, walkable urban communities;
- Promote transportation options such as bicycle trails, commute trip reduction programs, incentives for car pooling and public transit;
- 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;
- 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;
- Purchase only Energy Star equipment and appliances for City use;
- Practice and promote sustainable building practices using the U.S. Green Building Council's LEED program or a similar system;
- 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;
- Evaluate opportunities to increase pump efficiency in water and wastewater systems; recover wastewater treatment methane for energy production;
- Increase recycling rates in City operations and in the community;
- Maintain healthy urban forests; promote tree planting to increase shading and to absorb CO₂; and
- Help educate the public, schools, other jurisdictions, professional associations, business and industry about reducing global warming pollution



**The Illinois Cool Cities Local Sustainability Protection Agreement
Signature Page**

You have my support for the Cool Cities Local Sustainability Protection Agreement

Date: _____

Mayor: _____

Signature: _____

Address: _____

City: _____ State: _____ Zip: _____

Mayor's e-mail: _____

Staff Contact Assigned to Implement Agreement: _____

Staff Contact Title: _____

Staff Phone: _____

Staff e-mail: _____

Please return completed form at your earliest convenience to:

Sierra Club, Illinois Chapter
Cool Cities Program

By Mail:
70 E Lake Street, Suite 1500
Chicago, Illinois 60601

sarah.gulezian@sierraclub.org
(312) 251-1680 x 117

By Fax:
(312) 251-1780

For additional information, contact:
Sarah Gulezian