Mayor’s Climate Action and Resilience Plan Working Group

Tuesday, November 7, 2017 6:30 pm
Lorraine H. Morton Civic Center, 2100 Ridge Avenue, Room 2404

AGENDA

1. CALL TO ORDER / DECLARATION OF QUORUM
2. INTRODUCTIONS
3. APPROVAL OF BYLAWS
4. APPROVAL OF MEETING SCHEDULE
5. CITIZEN COMMENT
6. OVERVIEW OF PLAN
7. STAFF REPORTS
8. BREAKOUT SESSION
9. ADJOURNMENT
A GOAL WITHOUT A PLAN IS JUST A DREAM
Evanston Climate Action Plan

November 2008

KEY COMPONENTS

- 9 task forces, each covering a different topic
- Over 200 strategies
- 13% community-wide reduction by 2013
- Goal met primarily through first stage of electricity aggregation (98% of reductions)
ECAP EXAMPLE ACTIONS

- Reduce car-ownership by encouraging residents and employers to participate in car-share programs. (984-2,436 MTCO2E)
- Increase commercial waste reduction and recycling participation efforts. (2,175 MTCO2E)
- Reduce emissions related to electric and gas use in residential buildings. (27,616–60,759 MTCO2E)
- Create a local carbon offset program to complement Climate Action Plan emissions reduction strategies.
KEY COMPONENTS

- 20% reduction in community-wide emissions by the end of 2016
- 5-part strategy
- Development lead by CGE and Sustain Evanston
- 19% reduction in community-wide emissions achieved
LIVABILITY PLAN
EXAMPLE ACTIONS

• Maintain 100% green power for residents and small businesses
• Reduce transportation emissions through system innovations and behavior change.
• Secure commitments from all seven major employers to reduce their emissions by 2%/year through 2016.
• Improve building efficiency through an intensive retrofit program.
# EMISSIONS SUMMARY TABLE

<table>
<thead>
<tr>
<th>Evanston’s Performance</th>
<th>Evanston’s Goals</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>2005</td>
</tr>
<tr>
<td>Electricity-COE</td>
<td>17,588</td>
</tr>
<tr>
<td>Natural gas-COE</td>
<td>3,975</td>
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<tr>
<td>Gasoline-COE</td>
<td>1,321</td>
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<tr>
<td>Diesel-COE</td>
<td>1,398</td>
</tr>
<tr>
<td>Biodiesel-COE</td>
<td>278</td>
</tr>
<tr>
<td>City of Evanston Total</td>
<td>24,559</td>
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<tr>
<td>Electricity - Residential</td>
<td>154,524</td>
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<tr>
<td>Natural Gas - Residential</td>
<td>114,674</td>
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<tr>
<td>Electricity - Commercial</td>
<td>366,025</td>
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<tr>
<td>Natural Gas - Commercial</td>
<td>224,266</td>
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<tr>
<td>Transportation</td>
<td>144,318</td>
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<tr>
<td>Community Total</td>
<td>1,003,807</td>
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<tr>
<td>Combined Total</td>
<td>1,028,367</td>
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<tr>
<td>Percent Reduction</td>
<td>13%</td>
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City of Evanston

City Manager’s Office
Total Annual Community-wide Emissions (MTCO2e)
LANDSCAPE MOVING FORWARD

- Benchmarking Ordinance
- SolSmart
- STAR Community Rating
- New Waste Services
- State and National Political Climates
GLOBAL COVENANT OF MAYORS

Phase 1: Commitment
Phase 2: Inventory
Phase 3: Target
Phase 4: Plan
Compliant

GLOBAL COVENANT of MAYORS for CLIMATE & ENERGY

MITIGATION

- Cities commit to:
  > Reduce local GHG emissions.
  > Measure community emissions inventory using the GPC – a consistent and robust standard.
  > Set data-based targets for the future.
  > Develop climate action plans to deliver on city targets.

ADAPTATION

- Cities commit to:
  > Address the impacts of climate change.
  > Identify climate hazards.
  > Assess vulnerabilities.
  > Develop climate adaptation plans.
CLIMATE COMMITMENTS

Evanston is committed to 100% clean energy
CLIMATE COMMITMENTS

Evanston is committed to achieving a 26–28% reduction in emissions by 2025.
PLAN SCALE & SCOPE

- We aren’t writing specific policy or developing specific programs

- We are:
  - Evaluating
  - Setting Targets and Goals
  - Identifying Solutions
  - Prioritizing for Action