

CRANES

Capital Region Advocacy Network for Environmental Sustainability

On behalf of its member organizations and individuals, advocating collaboratively for the environment of the South Central Wisconsin region (eight counties: Columbia, Dane, Dodge, Green, Iowa, Jefferson, Rock and Sauk) toward a high quality of life; an ecologically sustainable and just culture; and, the celebration of the beauty of this place, both natural and built.

VISION

The Capital area's environment, including water, land, and air resources, will be conserved or restored to ensure the region's quality of life and the beauty of this special place, for all who live or visit here, now and in the future.

PARTNER ORGANIZATIONS

*Earth/Art® Resources
Friends of Pheasant Branch Conservancy
League of Women Voters – Dane County
Madison Area Bus Advocates
Madison Audubon Society
Sierra Club – Four Lakes Group
Western Dane Coalition for Smart Growth & Environment
West Waubesa Preservation Coalition*

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22 January 2017

ATTN: Raj Shukla
Sustainable Madison Committee
City of Madison

SUBJECT: Legislative File 45569 (Climate/Energy Resolution)

Dear Chair Shukla and Members:

The *Capital Region Advocacy Network for Environmental Sustainability* (CRANES) urges passage by the Sustainable Madison Committee (SMC) of the "CRANES Amended Resolution" (below).

We do so on behalf of our Partner Organizations, with members numbering over 5000.

While we support the SMC's proposed reaffirmation of the City's existing 2013 endorsement of all-sector goals of 100% renewable energy and net zero carbon, this resolution must also explicitly affirm the City's existing commitments to:

- a target date of **"2050 or sooner"** for achieving the energy/carbon goals; and,
- **a 50% overall energy reduction communitywide by 2030 or sooner**

Adoption of the "CRANES Amended Resolution" will also harmonize the City's updated climate/energy goals with those of the *2050 Climate Action Plan Framework for the Municipalities of Dane County*. The City of Madison endorsed this Framework in 2013, along with CRANES and ~40 other partners in the Capital Region Sustainable Communities partnership (updated 2017, now endorsed by ~50 organizations: please see below).

Fortunately, it seems that everyone involved agrees that this resolution was intended only to add to the City's existing commitments.

Since that is the case, then passing an amended resolution that makes this intention explicit, while also putting all relevant climate/energy goals in one current document, should be supported by everyone on SMC.

Thank you for your consideration of this amended resolution.

Sincerely



Gary Werner
President

COMMON COUNCIL 01/03/2017

This Resolution was Referred for Introduction:

Board of Estimates, Sustainable Madison Committee, Committee on the Environment

Text of Legislative File 45569

“CRANES Amended Resolution”

Fiscal Note

In the adopted 2017 capital budget Engineering-Facilities Management has budgeted \$750,000 for renewable energy and energy efficient installations via the **Sustainability** *[correct sp]* Improvements program funded by GO Borrowing. This resolution authorizes the updating of the Energy and Carbon Goals in the Sustainable Madison Plan by assigning up to \$250,000 of that budgeted funding to develop a plan for city operations to achieve goals of 100% renewable energy and net-zero carbon emissions. Funding would be used for third-party expertise required to develop a plan.

Title

To update Energy and Carbon Goals in the Sustainable Madison Plan in response to changing science and technology around climate change, renewable energy and energy efficiency.

Body

WHEREAS, the City of Madison (City) desires to formulate and implement energy and carbon policy consistent with the environmental, economic and social objectives articulated in the Madison Sustainability Plan (**including the communitywide, all-sector goal of a 50% reduction in overall energy use by 2030 or sooner**), the City’s Energy Work Plan, and existing State of Wisconsin energy policy applicable to local governmental units under Wis. Stat. sec. 1.12; and,

WHEREAS, in 2011-14 the City invested hundreds of thousands of dollars in funding and other resources in the multi-million dollar, federally-sponsored Capital Region Sustainable Communities (CRSC) effort, and in 2013– along with all the other ~40 CRSC partner organizations– endorsed the CRSC’s 2050 Climate Action Plan Framework, calling for the prioritization of energy conservation/efficiency, as well as 100% renewable energy and a 100% reduction in climate disrupting gases or particulates (or a net negative reduction, if at all possible) by 2050 or sooner;

WHEREAS, the scientific consensus demands we limit global temperature increases below 1.5 to 2 degrees Celsius to avoid the most destructive and dangerous effects of climate change; **and,** *[correct omission]*

WHEREAS, existing City energy and carbon goals were created before the 2015 United Nations Climate Change Conference, or COP 21, where 174 countries developed even more aggressive global targets that have since been ratified by the United States; and,

WHEREAS, the Common Council has directed the Sustainable Madison Committee to “Create a working group of the Sustainable Madison Committee that includes other community stakeholders to review the City’s climate change goals and update if needed”; and,

WHEREAS, the “Energy and Carbon Working Group” has received public testimony, consulted with a variety of experts and identified ambitious and common sense goals during five working group sessions from July through November 2016; and,

WHEREAS, the 2017 Capital Budget includes \$750,000 directed toward “Sustainability Improvements” including renewable energy installations and energy efficiency improvements; and,

WHEREAS, the City of Madison aims to lead by example in the community, the state, and across the nation,

THEREFORE, BE IT RESOLVED, by the Common Council of the City of Madison that: The Sustainable Madison Plan must reflect scientific consensus and community aspirations and establish community-wide, **all-sector** Energy and Carbon goals of 100% renewable energy and net-zero carbon emissions **or better by 2050 or sooner**, ~~within~~ a time-frame that aligns with sound and established science, as official energy and carbon goals of the City of Madison; and,

BE IT FURTHER RESOLVED, by the Common Council of the City of Madison that: up to \$250,000 in ~~re-allocated~~ funding ~~from funds already dedicated to~~ **allocated for** “Sustainability Improvements” in the adopted 2017 Capital Budget shall be **made** available for third-party expertise required to develop a plan **in harmony with the city-endorsed, county-coordinated 2050 CAP Framework** for city operations to achieve **community-wide, all-sector** goals of **50% reduction in energy use overall by 2030 or sooner, as well as** 100% renewable energy and net-zero **or better** greenhouse gas emissions **by 2050 or sooner**; and,

BE IT FURTHER RESOLVED, by the Common Council of the City of Madison that: by January 2018, City staff will develop a plan for City of Madison operations to achieve **community-wide, all-sector goals of 50% reduction in energy use overall by 2030 or sooner, as well as** 100% renewable energy and net-zero carbon emissions ~~that includes target dates, by 2050 or sooner, for reaching these goals,~~ **with front-loaded** interim milestones, budget estimates, and estimated financial impacts; and,

BE IT FURTHER RESOLVED that the attainment of this goal is a budgetary and managerial priority, and that as such target dates should be established that are ambitious, optimistic, and realized as soon as is feasible; and,

BE IT FURTHER RESOLVED that the Sustainable Madison Committee (SMC) shall be engaged in the development of the RFP for this plan, which would include options for benchmark dates, costs, and adoption of renewable energy, and that the consultant and management team meet regularly with the SMC on its progress; and,

BE IT FURTHER RESOLVED, by the Common Council of the City of Madison that: City staff will report on ~~progress of City of Madison operations~~ toward achieving **City of Madison operations and communitywide, all-sector** goals to the Common Council in January 2019 and annually thereafter,

BE IT FINALLY RESOLVED, by the Common Council of the City of Madison that: The Sustainable Madison Committee will review and, if necessary, update community-wide, **all-sector** goals in January 2019 and biannually thereafter.

CLIMATE ACTION PLANNING FOR THE COMMUNITIES OF DANE COUNTY: AN ALL-SECTOR FRAMEWORK

v.2017.01.21

Scope Of Work & Schedule

- 1) Baseline Inventories ~ **COMPLETED**
 - A. air pollution emissions sources
 - B. conservation and efficiency opportunities
 - C. renewable energy opportunities
- 2) Trail Map (strategic action plan) ~ **ASAP**
 - A. preparation of draft
 - B. local expert review
 - C. public participation process
- 3) Climate Action Parley ~ **Autumn 2017 or sooner**
 - A. endorsement of final plan and metrics
 - B. action pledges and kickoff

Goals (by 2050 or sooner)

- **50% reduction in overall energy use, by 2030 or sooner¹**
- 100% renewable energy (w/o fossil fuels, nuclear power, polluting hydropower, food-competitive biomass)
- comprehensive air emissions approach² for the best cost/benefit outcome: zero non-natural pollution emissions, including carbon and other climate disruptors, as well as federally-designated Criterion Pollutants and Mercury & Air Toxics Standards
- backcasting approach, with annual sub-goals; progress measured using international standards, and with the help of UW's world-class climate metrics expert
- auto-correctives² (pre-authorized by the community) to keep us on course from trailhead to destination
- as possible, historical offsets² for non-natural pollution induced by our activities since industrialization

Process

The Dane County Way: With the participation of the public, including local experts... transparent, everyone at the table, no one left behind. Freedom to act as individuals, organizations, and municipalities within a mutually-affirmed regional framework that holds us responsible to each other.

Benefits

A healthier future, for us and for future generations, thanks to far less air pollution. Eco-equity. More resilient communities. Clean energy and transit. A competitive economy that doesn't export millions of local dollars each year to buy fossil fuels. A better quality of life. Because our eco-cultural heritage: Muir, La Follette, Leopold, Nelson, and more.

¹ added 12/16; harmonizes with City of Madison's 2011 goal

² innovative feature

Endorsed by these Capital area organizations (unless otherwise indicated, endorsed in 2013):

350 Madison (2015)
Capital Area Regional Planning Commission
Centro Hispano
City of Fitchburg
City of Madison
City of Middleton
City of Monona
Capital Region Advocacy Network for Environmental Sustainability
Clean Wisconsin (2016)
Dane County
Dane County Housing Authority
Dane County Timebank
Earth/Art Resources
Edgewood College
Freedom Inc.
Home Savings Bank
Latino Support Network
League of Conservation Voters-WI (2016)
Madison Area Builders Association
Madison Area Bus Advocates (2015)
Madison Area Transportation Planning Board
Madison Audubon Society (2015)
Madison Metro
Madison Metropolitan Sewerage District
Mentoring Positives
Project Home
Realtors Association of South Central Wisconsin
RePower Madison (2015)
Sierra Club-Four Lakes Group
Smart Growth Greater Madison
Sustain Dane (2016)
Town of Dunn
Town of Springfield
Town of Sun Prairie
Town of Westport
Town of Windsor
United Way of Dane County
Urban League of Greater Madison
UW-Madison (Department of Urban & Regional Planning)
Village of DeForest
Village of Waunakee
West Waubesa Preservation Coalition
Wisconsin Department of Natural Resources
Wisconsin Environmental Initiative
Wisconsin Partnership for Housing Development
YWCA Madison
... and more

For more information, please contact:

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