

**AGENDA
CITY OF MONONA
SUSTAINABILITY COMMITTEE
City Hall Conference Room
Thursday, January 10, 2019
6:30 PM**

1. Call to Order – **6:30 PM**
2. Roll Call
3. Approval of Minutes from the **December 13, 2018** Sustainability Committee Meeting
4. Appearances
5. Unfinished Business
 - A. Review 1 Page Summary of 100% Resolution; for City Council/Public
 - B. Discuss Community Survey Draft
 - C. Discuss 2019 Sustainability Projects
6. New Business
7. Actionable Items
 - None
8. Adjournment

Next Meeting: Thursday, February 14, 2019 at 6:30 PM

Please notify Brad Bruun at 222-2525 or bbruun@ci.monona.wi.us if you cannot make it.

NOTE:

Upon reasonable notice, the City of Monona will accommodate the needs of disabled individuals through auxiliary aids or services. For additional information or to request this service, contact Joan Andrusz at (608) 222-2525 (not a TDD telephone number), FAX: (608) 222-9225, or through the City Police Department TDD telephone number 441-0399. The public is notified that any final action taken at a previous meeting may be reconsidered pursuant to the City of Monona ordinances. A suspension of the rules may allow for final action to be taken on an item of New Business. It is possible that members of and a possible quorum of members of other governmental bodies of the municipality may be in attendance at the above stated meeting to gather information or speak about a subject, over which they have decision-making responsibility. No action will be taken by any governmental body at the above stated meeting other than the governmental body specifically referred to above in this notice.

CITY OF MONONA
Sustainability Committee
Thursday, December 13, 2018
MINUTES DRAFT

1. Call to Order

6:36 PM – Meeting called to order by Committee Chair, Nancy Moore

2. Roll Call

Members Present: Chair Nancy Moore, Co-Chair Chad Speight, Mark Buffat, Dan Costello, Pat Howell, Sarah Smith, Sue Vogt

Members Absent: Teresa Radermacher

Staff Present: Brad Bruun, Caitin Hartnett

Guests: (6:41 PM) Sherrie Gruder – UW-Extension Sustainable Design Specialist and Energy Program Manager

3. Approval of November 8th Meeting Minutes

Pat Howell and Sarah Smith noted a change in date in the heading of the document was needed, as the draft minutes were dated ‘November 13’ as opposed to ‘November 8’ in the heading.

Motion to approve with amendments; First – Pat Howell, Second – Mark Buffat

4. Public Appearances

Sherrie Gruder – UW-Extension

In drafting Monona’s 100% Renewable Energy Resolution, the City recruited the assistance of Sherrie Gruder from UW-Extension. Her experience writing similar resolutions with both Madison and Middleton was extremely useful for the committee work group in determining proper language and considerations within the resolution. Sherrie noted that Monona’s steps to pursue 100% Renewable Energy were more than commendable, and will be productive in generating additional conversation on this topic.

5. Unfinished Business

A. Committee to Discuss Draft 100% Renewable Energy Resolution

Following Sherrie’s introduction to the resolution, Committee members discussed the draft as is. Multiple members gave their approval, stating that they liked the specific goals and benchmarks outlined in the resolution along with its attention to both environmental and economic impacts in light of the 2018 flooding of Lake Monona and subsequent costs to the City and residents. The 12/7/2018 draft resolution commits the City to achieving 100% renewables for all municipal functions by 2040, and community-wide energy needs by 2050. Sherrie emphasized that the duality in achieving 100% renewables rests in Monona’s ability to both reduce energy consumption and produce renewable energy. She also commented the timeliness of the resolution, as Monona received an Office of Energy Innovation joint-grant which will be used to develop specific, best-practice strategies for the City to pursue renewable energy. Monona’s commitment to 100% renewables will factor in to this strategic process.

B. Committee to Discuss Community Survey and Outreach Goals

In order to gauge community interest in sustainability, the Committee has decided to design and distribute a survey. The conversation was initiated by Staff asking the Committee what they believed the scope of the survey ought to be. Debate over the breadth of the survey ensued. Some members felt that a broad list of categories should be addressed in the survey to determine which topics and projects would be most applicable to Monona residents, while others felt that the survey needs to be tailored to a specific issue or project. Overall, the Committee agreed that the survey would need to validate and affirm community values, generate awareness for sustainability projects in the City, and the urgency of the issue of climate change. Chad Speight noted that Monona has shown support for sustainability in the past, and instead of assessing whether or not the City has support for this realm, the survey ought to address information currently unknown to the City.

Dan Costello reiterated that issuing a community survey would provide the City an opportunity to market sustainability initiatives to residents via an email opt-in at the conclusion of the survey. Due to the fact that the 100% Renewable Energy resolution was approved earlier in the evening, the Committee decided to center the survey on renewable energy and energy efficiency projects. Staff offered that a survey in this vein would be a good opportunity to provide resources to residents on specific topics. Mark Buffat agreed, stating that the availability of funding sources is oftentimes unknown to residents. The topic of funding sustainability projects arose multiple times throughout the conversation – which projects would Monona residents be willing to fund via tax dollars, if any? Dan stated that this question would address serious personal commitments to sustainability as opposed to questions about issues and simple sentiment.

The community survey will address five main points:

1. Determining whether or not residents are concerned about climate change
2. Gauging how willing residents are in taking an initiative to mitigate the effects of climate change
3. What are priority issues for residents within the realm of sustainability?
4. Questioning residents whether they feel or not that the issue of climate change ought to be important to the city
5. Asking if residents are willing to pay more in their taxes for a given sustainability project (pertaining to renewable energy or energy efficiency)

C. Committee to Discuss 2019 Sustainability Projects

This item was tabled and will be discussed at the January 10th meeting.

6. New Business

7. Action Items

A. Motion to Accept 100% Renewable Energy Resolution – Motion Needed

Motion to approve; First – Sue Vogt, Second – Pat Howell, unanimous vote

This resolution will be presented before Monona's City Council at the meeting scheduled for January 22, 2019.

B. Finalize Community Survey Goals and Scope – No Motion Needed

A work group was formed and tasked with developing a community survey. This group includes: Nancy, Dan, and Mark.

8. Adjournment

8:35 PM – Meeting Adjourned; First – Dan Costello, Second – Mark Buffat

Next Meeting: Thursday, January 10th at 6:30 PM.

Any questions or additions please notify Brad Bruun, bbruun@ci.monona.wi.us – Thank you.

Monona 100% Renewable Energy and Community Resiliency Goals

Background: Monona has historically made major strides toward reducing the community's effect on climate change.

- 2012: Monona becomes an Energy Independent Community and declares goals to generate 25% of its energy from renewables by 2025.
- Between 2008-2013: Funded several energy efficiency projects including funds from an Energy Efficiency Community Block Grant. Replaced City Hall roof, windows, HVAC upgrades at City Hall, Library, and Community Center, LED lighting and smart lighting upgrades at Public Works Garage, City Hall, Library, and Community Center.
- 2012: Participate in Natural Step program using grant funding used to provide consultation and public outreach and education.
- 2013: First Wisconsin municipality to implement 3rd party contract for municipal solar arrays on 4 major facilities.
- 2014-2015: Formation of Monona Green Team and graduate participant of Sustain Dane MPower program.
- 2015: Council approved Monona's first Sustainability Plan.
- 2017: Mayor O'Connor and City Council approves resolution to join Mayors Against Climate Change Pledge to support the Paris Accord.
- 2018: LED lighting upgrades project reduces electricity usage of up to 60% per fixture on 284 fixtures between City Hall, Community Center, and Library.

Resolution Summary: Monona is setting the bar high due to the urgent need to curb and prepare for environmental changes due to climate change.

- Sets a series of goals for City operations and community-wide carbon reductions, with bigger achievements as MGE increases utility scale renewables, battery storage prices decrease, greater energy efficiency is reached, transportation electrification progresses, etc.
- Prioritizes saving energy (energy efficiency)— electricity first, heat and transportation fuels also (goal: Reduce energy use in Municipal operations by 50% by 2050)
- Commits to new renewable energy goals by meeting 100% of Municipal operations electric needs from clean, renewable sources by 2035; 100% clean electricity community-wide by 2040
- Includes energy equity, affordability and access
- *Dovetails with MGE adopting the Paris goal of reducing carbon emissions by at least 80% by 2050 ??*
- Synchronizes with Dane County climate planning & implementation, promotes collaboration
- In good company with 50+ leading US municipalities plus cities globally that have adopted 100% renewable energy goals (some more aggressive); 5 US cities have reached them already

Benefits: Monona Residents, Businesses & Organizations to Reap Environmental, Economic & Health Benefits of Clean Energy & Climate

- Monona taxpayers will save money from EE investments
- Monona energy savings will allow for responsible allocation of resources toward city services
- Low & moderate income residents will enjoy benefits of energy efficiency & renewable energy
- New businesses & residents will locate in Monona- a Clean Energy City that Cares
- Monona will support local, community-based renewable energy and jobs
- Monona will become more self-reliant and resilient to severe climate events
- Childhood asthma, lung and other local health impacts of burning fossil fuels will begin to abate
- Monona will actively engage in safeguarding good quality of life for their children, grandchildren and future generations.

City of Monona Resident Energy Survey

The science is in and undebatable - climate change is real. Flooding, extreme droughts, and the proliferation of the emerald ash borer and deer ticks are just a few of the local and state outcomes of our planet warming.

The path to solving our climate crisis is also clear. It begins with our entire community reducing our energy use and our use of fossil fuels and smartly moving towards renewable, clean sources of energy for all of our needs. This survey has been designed by Monona's Sustainability Committee to measure the progress residents have already made towards this end and gauge interest in opportunities available now and in the near future.

Thank you for taking the time to complete this survey. Your feedback is very important to us. Indeed, it is critical.

The survey should take about 15 minutes to complete. Your responses are automatically saved each time you click the "Next" button. Should you be pulled away for any reason prior to completion, you can return to it by clicking on the same link (or entering the same URL) from the same computer. Thank you again for your help.

1. Are you a resident of the City of Monona?
 - Yes
 - No

2. How many years have you lived in Monona?
 - 0-4
 - 5-9
 - 10+

3. Which category below includes your age?
 - 18-20
 - 21-29
 - 30-39
 - 40-49
 - 50-59
 - 60 or older

4. Select the option that best describes your residence:

- House
- Apartment
- Condominium
- Other (please specify) _____

5. Do you rent or own this residence? (check one)

- Rent
- Own

Energy Efficiency

6. What, if any, investments have already been made to your residence to reduce the use of energy or improve energy efficiency? (please check all that apply)

- CFL or LED lighting
- Smart meter or energy management software
- Room occupancy, motion detectors, and/or daylight sensors
- HVAC system with programmable controls
- Energy efficient equipment and/or appliances
- Windows and/or door retrofit or replacement
- Window treatments (e.g. thermal blinds, curtains) or exterior sun awning and/or shading devices (e.g. tree planting)
- Wall, attic and/or roofing/attic insulation
- Sealing of ducts, basement sills, or other locations where air may be infiltrating
- Technological/automatic sleep modes for computer systems and other tech equipment and/or computer screen savers set to “none” or blank screen
- Residential renovation to increase the volume of natural light/sun, i.e. Skylights
- Residential energy audit
- None of the above
- Other _____

7. Overall, how much of a priority is using less energy or energy efficiency to you?

- High priority
- Somewhat of a priority
- Neutral
- Not a priority

8. If energy efficiency is a high priority or somewhat of a priority to you but you have struggled to make progress, which of the following represents a reason why?

- I don't own my residence so have little to no control
- Upfront cost
- Unsure about future cost savings
- Not enough information on energy efficiency technologies
- My home or lifestyle does not support them
- Not applicable
- Don't know
- Other _____

9. What strategies, if any, have you employed to reduce your use of energy for transportation? (please check all that apply)

- Use of public transit (Monona Express or Madison Metro)
- Ride sharing or car pools to get to work or more regular commitments
- Purchase of more fuel-efficient vehicle(s)
- Purchase of electric vehicle(s)
- Frequently ride a bicycle to work, do errands or visit friends
- Frequently walk or run to work, do errands or visit friends
- None of the above
- Other _____

10. What strategies, if any, might be initiated to reduce your use of energy in transit? (please check only one)

- Expand public transit (e.g. the hours or stops are inconvenient for you)
- Build ride share capacity (e.g. a ride "board" or other central clearinghouse for neighbors helping neighbors would be helpful)
- Monona needs more electric stations for electric vehicles
- Monona needs more bike lanes for me to feel safe cycling frequently
- Monona needs more sidewalks for me to feel safe walking more frequently
- None of the above
- Other _____

Renewable Energy

11. What, if any, investments have already been made to your residence to employ or increase the use of renewable or alternative energies? (please check all that apply)

- Solar power for overall electrical needs
- Solar lighting

- Solar hot water generation
- Wind power
- Geothermal heating and cooling
- Purchase of alternatives like solar and/or wind through my utility company
- None of the above
- Don't know
- Other _____

12. If you or your residence's owner have not done any of the activities listed in the previous question, which of the following represents a reason why?

- Upfront cost
- Unsure about future cost savings
- Not enough information on renewable energy technologies
- My home or lifestyle does not support them
- Not interested in renewable energy
- Not applicable
- Don't know
- Other _____

13. If you were to participate in advancing the residential use of renewable energy in Monona, which options appeal most to you? (please check no more than 3)

- Installing a solar rooftop system on my individual home
- Participation in a residential group purchase of rooftop solar to leverage purchasing power (see <http://madisunsolar.com/> for more information)
- Purchasing Green Power (wind & solar) through MG & E/my utility (see <https://www.mge.com/environment/green-power/gpt/>)
- Enrollment in new Shared Solar projects being developed by MG&E/my utility (see <https://www.mge.com/environment/green-power/solar/shared-solar-program.htm?redirect=index.htm>)
- Subscribing in a Community Solar Garden or Farm developed by Monona in concert with MG&E or a third party (see <https://news.energysage.com/community-solar-gardens-sharing-the-sun/> for more info)
- Investment in Solar Bonds via a Co-operative (see <https://legacysolarcoop.org/solar-bonds/> as an example)
- Joining a community campaign to advocate for the increased use and availability of renewable energy strategies by MG&E/my utility
- Joining a community campaign to advocate for solar leasing in Wisconsin (see <https://www.energysage.com/solar/financing/solar-leases-and-solar-ppas/>)
- Not interested in any of the above

14. Overall, how much of a priority is energy efficiency and moving to renewable energy to you?

- High priority
- Somewhat of a priority
- Neutral
- Not a priority

15. How much of a priority should investments in energy efficiency and renewable energy projects be for operating the City of Monona?

- High priority
- Somewhat of a priority
- Neutral
- Not a priority

16. Do you have any other suggestions or ideas for us to further advance energy efficiency and/or the use of renewable energy in Monona?

Thank you for completing the City of Monona's Energy Survey.

If you would like to receive more information or keep abreast of renewable energy projects, consultants, funding opportunities, or community initiatives, please leave your name and email address in the spaces provided below.

Staff Update on 2019 Sustainability Committee Projects

OEI Grant (Clean Energy & Energy Efficiency planning and feasibility study)

- Grant resolution signed
- Money has been awarded, scope of work and Seventhwave scope of services being revised
- Additional funding may be necessary dependent on City requested final product deliverables
- Awaiting confirmation to meet with Seventhwave to begin procedural planning

Annual Progress Reporting (Green Tier Legacy Annual Report and Sustainability Dashboard)

- Report and dashboard to committee at April meeting
- Potential for report and dashboard to City Council in May
- Staff to report on 2017 and 2018 most significant sustainability related projects and results
- Staff to report on 2017 and 2018 trends in energy use, gas use/miles driven, waste disposal, land use (street tree inventory), and community & municipal water use
- This data will be combined with past data from the Dept. of Energy report on the City's Solar program + OEI Feasibility study report to create a recommendation for Council regarding the potential purchase of the solar array. TBD in 2019 budget discussions.

100% Renewable Energy Resolution (Residential and Municipal renewable energy and energy efficiency awareness, education, and outreach)

- Resolution draft approved by committee
- City Council first read planned for January 22nd, second read and request for approval February 4th
- Renewable Energy public survey drafted and sent to workgroup for review
- Survey to be presented to committee at next meeting, January 10th

Sustainable Purchasing Policy (Staff awareness and education)

- Policy drafted and ready for committee approval.
- Sustainable product purchasing directory is still under development at WECC
- Potential to go to committee for approval February 14th
- Does this need to be approved by City Council? If so could potentially be on Council agenda for first meeting in March.
- Will introduce to staff during Spring sustainability staff meetings.

Monona Sustainable Business Initiative (Business community sustainability awareness, education, and encouragement)

- Draft survey and business toolkit completed
- Ready to pilot with MESBA

- Need to contact Kristie Schilling once new City Admin is on board and has had a chance to introduce himself to the chamber.
- Goal is to successfully pilot the project at the same time the City does renewable energy outreach via public survey (pairing the projects as they are similar in scope – One is Residential outreach, one is Business outreach)