

**AGENDA
CITY OF MONONA
SUSTAINABILITY COMMITTEE
City Hall Conference Room
Thursday, April 8, 2021
6:30 PM**

Due to the current state of emergency because of the COVID-19 pandemic, this meeting will be conducted via electronic videoconferencing/teleconferencing. As such, it is likely that some or all members of, and a possible quorum, may be in attendance via electronic means and not physically present. In accordance with Wisconsin law, the meeting will remain open to the public. The public may still attend in person at the location stated in this agenda. However, due to the need to maintain social distancing in accordance with Emergency Order #7 of Public Health Madison & Dane County dated July 1, 2020 and the limited physical space available, the public is encouraged and requested to also attend via electronic means. Directions to do so are listed at the bottom of this agenda. Upon reasonable notice, the needs of disabled individuals will be accommodated through auxiliary aids or services. For additional information or to request this service, contact Joan Andrusz at 608-222-2525.

1. Call to Order – **6:30 PM**
2. Roll Call
3. Approval of Minutes from the **February 11, 2021** Sustainability Committee Meeting
4. Appearances
5. Unfinished Business
 - A. Energy Campaign – Sustainability Champions
 1. Staff Update
 - B. Earth Week Events - Planning Discussion
 1. Staff Update
 2. Looking for Volunteers – Recycling Event
6. New Business
 - A. Monona 100% Clean Energy Action Planning
7. Actionable Items
8. Adjournment

Next Meeting: Thursday, May 13, 2021 at 6:30 PM

Please notify Brad Bruun at (608) 222-2525 or bbruun@ci.monona.wi.us if you cannot make it.

DIRECTIONS TO ATTEND MEETING ELECTRONICALLY

City of Monona is inviting you to a scheduled Zoom meeting.

Topic: Sustainability Committee Meeting
Time: Feb 11, 2021 06:30 PM Central Time (US and Canada)
Every month on the Second Thu, until Jul 8, 2021, 6 occurrence(s)
Feb 11, 2021 06:30 PM

Mar 11, 2021 06:30 PM
Apr 8, 2021 06:30 PM
May 13, 2021 06:30 PM
Jun 10, 2021 06:30 PM
Jul 8, 2021 06:30 PM

Please download and import the following iCalendar (.ics) files to your calendar system.

Monthly:

https://us02web.zoom.us/meeting/tZAvce2oqTliG93Iz9CVZzrvDV141IiignQs/ics?icsToken=98tyKuGsrD0uGtOcuBiORpwIAI_oLPTwtlhHjfoOtQW8IBZpeBHgEtQTZpsuGdHX

Join Zoom Meeting

<https://us02web.zoom.us/j/84264079819?pwd=a3V3NUFpVW90b0lSTWwrcjdsSHh0UT09>

Meeting ID: 842 6407 9819

Passcode: 598367

One tap mobile

+16465588656,,84264079819#,,,,*598367# US (New York)
+13017158592,,84264079819#,,,,*598367# US (Washington DC)

Dial by your location

+1 646 558 8656 US (New York)
+1 301 715 8592 US (Washington DC)
+1 312 626 6799 US (Chicago)
+1 669 900 9128 US (San Jose)
+1 253 215 8782 US (Tacoma)
+1 346 248 7799 US (Houston)

Meeting ID: 842 6407 9819

Passcode: 598367

Find your local number: <https://us02web.zoom.us/u/kdZgULAZnD>

PUBLIC APPEARANCE BY ZOOM

Persons interested in publicly appearing before the Sustainability Committee via computer or phone on the Zoom application are asked to submit an [Appearance Before a City Committee form](#) so that we can accommodate all online and phone requests to speak. Please submit your form as soon as possible. Requests will be accepted before and during the meeting until the Appearances section is closed. Requests submitted after the Appearances section is closed will not be able to speak. Link to form: <https://www.mymonona.com/FormCenter/Committee-Application-11/Appearance-Before-a-Committee-Citizen-Co-82>

WRITTEN COMMENTS

You can send written comments on agenda items by emailing bbruun@ci.monona.wi.us

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. Any governmental body at the above stated meeting will take no action other than the governmental body specifically referred to above in this notice.

CITY OF MONONA
Sustainability Committee
Thursday, February 11, 2021
Meeting Minutes – DRAFT

1. Call to Order

6:30 PM – Meeting called to order by Alder Nancy Moore

2. Roll Call

Members Present: Alder Nancy Moore, Teresa Radermacher, Sue Vogt, Dan Costello, Pat Howell, Sarah Smith, Chris Conrad, Molly Grupe

Absent: None

Staff Present: Brad Bruun, Elisa Guerrero

3. Approval of Minutes from the December 10, 2020 Sustainability Committee Meeting

Motion to approve: First – Dan, second – Pat. Passed with no corrections.

4. Appearances

Devin Renner, director of MESBA, appeared before the committee to present and Earth Day event. He explained that MESBA would like to collaborate with the City and larger companies in Monona to create a community garden for residents to use. The garden would be in a public location and Devin would look to bring in corporate dollars, so that the costs of the garden do not fall on the City. Ideally, the garden would have a central location and would donate some of the produce grown to local food pantries. Additionally, MESBA is working with a member of the Ho-Chunk who is an expert in food sovereignty and might lead some educational programming for the garden.

Nancy said that Parks & Rec would be responsible for finding a space for the garden, but that Sustainability Committee members could advocate for this projects with other committees or council. Molly suggested that high school students and the senior center might be interested in getting involved. Dan said he would like to connect with Devin about connecting the garden to local food networks who would support the project. The committee members were in support of the project and agreed to vote to support the community garden at the next committee meeting.

5. Unfinished Business

Motion to take Agenda Item 5C out of order: First – Molly, Second – Sue. Carried.

a. Energy Campaign

Brad shared updates from a meeting with Will and Samantha from Community Media and Rebecca Fox Blaire from MG21. Rebecca will introduce students to the project and teach them about interviewing practices. Will and Samantha, possibly with the help of one MG21 student, will create a video about each project with the interview recording and other pictures, which will be hosted on the Community media YouTube channel. Brad will make the story map and will connect the videos to the map.

Pat and Nancy asked about City projects being featured on the map. Nancy suggested the Police Department's hybrid vehicles and brad said that Parks & Rec could talk about the prairie learning garden, and that he could speak about the City's solar arrays. Dan agreed to be interviewed about the local food network.

Sarah shared the talking points and graphic that she made to help with recruiting participants.

b. Earth Week Events Planning

Chris shared his idea for a kayak/canoe event for Earth Week, where people could come out and paddle from Olbrich Park down to Rutabaga, as a way to get people out on the water, since many people have never been out on Lake Monona. Nancy is working with Rutabaga and other kayaking instructors to provide boat rentals and safety kayaks to help at the event. The event could also be used to feature all the Monona parks along the lakeshore, since many of them are small and not well known. This event would take place on Sunday, April 25.

Sue suggested that some of the stormwater outfalls could also be featured as an educational component. Brad said that he could produce a map with all the points of interest along the lake, and that organizations like Clean Lakes Alliance might be willing to collaborate for promotion.

Brad updated the committee on the E-cycling event, explaining he signed a contract with Resource Solutions and that they will send out a postcard to their network to advertise the event. This event would happen in the morning on April 24 at Ahuska Park and might feature Styrofoam recycling. Resource Solutions has asked that the City provide a few volunteers to help direct traffic on the day of the event.

c. Forestry Challenge

Brad said that since Parks & Rec already has a memorial tree program, it would work best to merge that program with the Committee's idea for dedication trees. Staff will work together to combine to merge the programs so they can be promoted during Earth Week.

Teresa explained the idea of a tree purchasing and education event, where residents could see sample native trees, speak with master gardeners or arborists about caring for the different trees, and would be able to order trees through the City's purchasing program. It would also be nice to have a food truck or beer available, to make the event more fun.

Missy Kedzorski, the Recreation Supervisor for Parks & Rec, spoke about the challenges of having food at an event, saying that Parks & Rec is not having food at events for now, to comply with COVID-19 public health guidelines. She said that Parks & Rec would not hold large events with food until there is some herd immunity in the community. She said that the event can still happen, just not with food and beer.

The committee decided that the Earth Week work group will meet again to reevaluate options for a forestry-related event and will update the whole committee at the next meeting.

6. New Business

a. Monona 100% Clean Energy Action Planning

Brad briefly shared project ideas to move the City towards the 100% clean energy goal. Nancy asked that this item be moved to the agenda for the next meeting, so that committee members have time to review the project ideas before discussing them.

7. Actionable Items

8. Adjournment

Motion to adjourn: First – Sarah, second – Molly. Passed at 8:05pm.

MEMORANDUM

TO: Sustainability Committee
FROM: Brad Bruun, Project Manager & GIS Specialist
DATE: Monday, April 5, 2021



4.8.21 – Agenda Items 5 A and B - Staff Updates

Agenda Item 5A. Energy Campaign – Sustainability Champions

- 4 Champions have now been interviewed and final video shorts are being edited for the webpage/story map
- First interviews began Wed., 3/10
- Brad is working on a draft of the story map
- Elisa has been working on a front end webpage for the project

Agenda Item 5B. Earth Week Events – Planning Discussion

- Brad and Elisa met with Michelle (Resource Solutions) and Jacob (Reynolds Urethane Recycling) about event logistics. A meeting is planned for the week of or prior to the event to go over last minute items.
- The shelter bathrooms will be open for the event (per Parks Dept.)
- It is likely that the event will utilize the entire larger parking lot at Ahuska Park in order to minimize backups due to long lines.
- The event can happen rain or shine barring any large storms or severe events.
- The event will need several volunteers to direct traffic and to help unload heavy items.
- City will provide vests, gloves, and extra masks for volunteers.
- Need volunteers to help get PSAs recorded
- Need volunteers to help get volunteers
- Need volunteers to sign up to do traffic control – (3 have signed up so far)

If you have any questions, please contact me.

Thank You,
Brad Bruun
Department of Public Works
Project Manager & GIS Specialist
bbruun@ci.monona.wi.us

Monona E-cycling Event PSAs

Version #1

We usually think of recycling in terms of plastic bottles and cardboard boxes, but did you know that most of your electronics can be recycled too? Electronics and appliances can't go in your curbside bin, but they can be recycled by specialty companies like Resource Solutions and Reynolds Urethane Recycling.

On Saturday, April 24, the City of Monona is partnering with these two local companies to host an e-cycling event, where residents can bring their old electronics, appliances and Styrofoam to be properly recycled. If you have old cables, computers, or other electronics lying around, bring them to Ahuska Park on Saturday April 24 from 8am to noon. We'll take them off your hands to clear up storage space in your home and help the environment at the same time!

Properly recycling electronics and household appliances helps conserve natural resources and keeps toxic chemicals out of our ecosystems. Most electronics will be free to drop off at the event, while some larger appliances require a small fee to be recycled.

Check out mymonona.com/recycling to learn more about the event and see a full list of items you can drop off.

If you would like to volunteer, please contact Brad Bruun at (phone or email?).

Version #2

Do you have an old mower that no longer works, how about an old fridge from a past remodel, or an old microwave that's larger than your current oven? Have you been looking for a convenient way to get rid of all those appliances and electronics?

Then head to Ahuska Park on Saturday April 24 between 8am and noon for a one-stop e-cycling event! The City of Monona is partnering with Resource Solutions and Reynolds Urethane Recycling to help residents dispose of all their old electronics and Styrofoam that shouldn't be tossed in the trash, but can't be recycled in your curbside bin either.

Get a head start on your spring-cleaning by getting old electronics and appliances out of your garage or basement! We'll accept Styrofoam and most small electronics like computers, stereo equipment and old electrical cords for free, and will take larger items like fridges, TVs and other appliances for a small fee. To keep our community safe and healthy, this will be a no-contact drop off event.

Check out mymonona.com/recycling to learn more about the event and see a full list of items you can drop off.

We are also looking for volunteers to help during this event. If you would like to volunteer, please contact Brad Bruun at (phone or email?).



Clean Energy Action Plan

Brad Bruun

2/9/2021

Priorities by Project Type

** Diet and the Exercise = Reductions/Energy Efficiency X Energy Production from Renewables

► Electricity

► Diet

- LED Streetlights
- LED lighting in facilities
- Smart lighting controls
- Flex scheduling and demand control (possibly at the meter or via a program, AKA Energy Monitoring)
- Educational campaigns, FOE, smart tech for residential and businesses, MSBI, Active Living
- Improved electric vehicle infrastructure where necessary (Ahuska Park maybe?, Public Works Garage?, etc.)

► Exercise

- Updated solar arrays on City Facilities
- Small scale arrays at smaller scale City Facilities
- New technology (Hydrogen fuel cells and battery storage)
- Policy initiatives – new City Facilities must be net zero, LEED Platinum, etc.
- TIF Policy incentivizing redeveloped properties to have solar, green roofs, etc.

Priorities by Project Type

** Diet and the Exercise = Reductions/Energy Efficiency X Energy Production from Renewables

- Natural Gas (HEAT)
 - Diet
 - Building Envelope Study
 - Building Envelope Upgrades – Moisture control, insulation, window sealing, etc.
 - Building Schedules – Demand Controls
 - Hydrogen Fuel Cell Systems – Heat byproduct used much like geothermal
 - Update HVAC Components
 - Exercise
 - Geothermal
 - Hydrogen Fuel Cells
 - Passive Solar

Priorities by Project Type

** Diet and the Exercise = Reductions/Energy Efficiency X Energy Production from Renewables

▶ Fuel - Transportation

▶ Diet

- ▶ Replacement of fossil fuel burners with electric vehicles or hybrids
- ▶ Reduce miles driven when possible (staff level coordination and planning by department)
- ▶ Upgrade large diesel burners to biodiesel burners
- ▶ Mechanic training
- ▶ Policy changes and staff training
- ▶ Outreach and education to the public around active living, buying electric, and laying off the soda (AKA – Gasoline hogs)

▶ Exercise

- ▶ Produce electricity at City Facilities, stored in batteries to repower E-Vehicles overnight when not in use.
- ▶ Equip City Facilities with the infrastructure needed to power next gen electrically powered vehicles using renewable upgrades (AKA – Solar powered parking stalls)

Staff Recommendations

- ▶ **Street light retrofits with LED** (35% to 75% reduction in electricity use per light)
 - ▶ ~ \$20,000 energy savings per year according to the OEI report for 100% retrofit (Includes Broadway, Monona Drive, South Towne, unmetered, metered, and exterior lighting at facilities/parking lots)
 - ▶ FOE incentives and other possible grant funding
 - ▶ Generally, 7 year payback if you include labor costs. The light can last up to 200,000 hours without much need for maintenance, well exceeding its payback period.
 - ▶ 2023-2024 – MGE to perform annual maintenance (touch every light), about a 5 fold reduction in labor cost to have the lights replaced in those two years
 - ▶ 38,000 kWh per month x 50% reductions MINIMUM = 220,000 kWh reduced per year just for UNMETERED MGE Streetlights (Over 10% of total Electricity usage for municipal operations)
- ▶ **Update to Existing Solar Arrays and Expansion**
 - ▶ Recommended updating to much more efficient and cost effective system in upcoming 5-8 year window
 - ▶ Current system is likely 10-25% less efficient than updated systems (2012, ~ efficiencies around 15-18%; Today more like 25-30% efficient panels)
 - ▶ Like for like replacement would likely produce between 250,000 to 300,000 kWh of electricity per year. Current system produces about 180,000 kWh (10-15% less efficient than advertised in 2013)
- ▶ Diet = LED Streetlights → - 10% of total municipal electricity use (minimum)
- ▶ Exercise = New Solar Array
 - ▶ If we subtract 10% of our energy use from the total than we would be at around **30% renewable energy without scaling for added renewables production by MGE**
 - ▶ By increasing generation that number is likely to grow by 2024-2025. **Allowing the City to meet its EIC 25% by 2025 goals without a purchase program like GPT.**