



Sustainability Commission

Special Meeting

335 South Broadway
De Pere, WI 54115
<http://www.de-pere.org>

Agenda

Tuesday, July 14, 2020

5:30 PM

Pursuant to Wisconsin Statutes 19.84, Notice is hereby given to the public that a meeting of the **Sustainability Commission** of the City of De Pere will be held on **July 14, 2020** at **5:30 PM**.

Due to the current public health emergency, the meeting will be held electronically and the public may attend this meeting electronically or telephonically by accessing either:

Computer/smart phone accessing <https://www.gotomeet.me/DePere>

OR

You can also dial in using your phone.

United States: [+1 \(312\) 757-3117](tel:+13127573117)

Access Code: 154-883-285

THIS MEETING WILL NOT BE HELD IN PERSON.

This meeting may also be rebroadcast on Spectrum Cable Channel 4 and AT&T U-verse Channel 99 throughout the week and available on demand at www.depere.tv.

I. Call to Order

1. Roll Call

II. Action Items

1. Consider Sustainability Commission Chairperson
2. Consider Sustainability Commission Vice - Chairperson
3. Approval of the June 9, 2020 Sustainability Commission Meeting Minutes
4. Consider Baseline Assessment Projects
5. Consideration and possible action on Clean Energy Resolution*

III. Future Agenda Items

IV. Adjournment

Any person wishing to attend this meeting who, because of disability, requires special accommodations should contact the Clerk's office at 339-4050 by Noon, the previous day so that arrangements can be made.

***Items with an asterisk require City Council approval.**

Agenda Sent To:

Alderspersons

City Administrator

Mayor
Department Heads
TV, Newspapers & Radio Stations
Kress Family Library
De Pere Chamber of Commerce



City of De Pere, Wisconsin

Request For Sustainability Commission Action

MEETING DATE: July 14, 2020

DEPARTMENT: Public Works

FROM: Scott Thoresen

SUBJECT: Consider Sustainability Commission Chairperson

Section 10-19 (d), De Pere Municipal Code, requires the Commission to annually elect a chair of the Sustainability Commission.



City of De Pere, Wisconsin

Request For Sustainability Commission Action

MEETING DATE: July 14, 2020

DEPARTMENT: Public Works

FROM: Scott Thoresen

SUBJECT: Consider Sustainability Commission Vice - Chairperson

Section 10-19 (d), De Pere Municipal Code, requires the Commission to annually elect a vice - chair of the Sustainability Commission.



City of De Pere, Wisconsin

Request For Sustainability Commission Action

MEETING DATE: July 14, 2020

DEPARTMENT: Sustainability Commission

FROM: Betty Sellenheim

SUBJECT: Approval of the June 9, 2020 Sustainability Commission Meeting Minutes

ATTACHMENTS:

- 2020 0609 DRAFT Minutes (PDF)



Sustainability Commission

Regular Meeting

335 South Broadway
De Pere, WI 54115
<http://www.de-pere.org>

Draft Minutes

Tuesday, June 9, 2020

5:30 PM

I. Call to Order

The meeting was called to order at 5:30 PM by Betty Sellenheim

Attendee Name	Title	Status	Arrived
Larry Garrison	Commissioner	Remote	
Renee Gasch	Commissioner	Remote	
Randall Lawton	Commissioner	Late	5:35 PM
Shana Defnet Ledvina	Aldersperson	Present	
Rebecca McKean	Commissioner	Remote	
Bill Niedzwiedz	Commissioner	Excused	
Eric Rakers	City Engineer	Remote	

Others present:

Scott Thoresen, Director of Public Works

Betty Sellenheim, Recording Secretary

Mary Radue, Sweet Willow Herbal Co-op (remote)

Casey Hicks, Wisconsin Conservation Voters (remote)

Betty Sellenheim, Recording Secretary, requested nominations for the chair pro tem.

Commissioner Rakers nominated Aldersperson Ledvina.

Upon vote, the motion passed unanimously.

2. Approval of the March 10, 2020 Sustainability Commission Meeting Minutes

Commissioner Garrison moved to approve the March 10, 2020 Sustainability Commission meeting minutes, seconded by Commissioner McKean.

Upon vote, the motion passed 4-0-1 with Commissioner Rakers abstaining.

RESULT:	ADOPTED [4 TO 0]
MOVER:	Larry Garrison, Commissioner
SECONDER:	Rebecca McKean, Commissioner
AYES:	Larry Garrison, Renee Gasch, Shana Defnet Ledvina, Rebecca McKean
ABSTAIN:	Eric Rakers
EXCUSED:	Randall Lawton, Bill Niedzwiedz

II. Public Comment

None

III. Action Items

1. Consider Zero Waste Workshop

Scott Thoresen, Director of Public Works, introduced Commissioner Gasch to further discuss the workshop plan. Commissioner Gasch explained that multiple workshops had been postponed due to COVID-19 and hoped to offer an alternate virtual workshop and informational/educational video. Commissioner Gasch explained the topic of zero waste

and partnering with Sweet Willow Herbal Co-op, a zero waste business in De Pere to educate the public on the topic. Commissioner Gasch proposed the first workshop/video be focused on reducing and recycling plastics in coordination with the Trex challenge.

Commission Garrison provided positive response to the plan. Commissioner Gasch mentioned that many grocery stores are limiting or not allowing patrons to use reusable bags at their stores creating more plastic bags in the community. Mr. Thoresen asked Commissioner Gasch if she planned to spearhead this effort and who the target audience would be. Commissioner Gasch agreed to spearhead the project with Heather and Mary from Sweet Willow Herbal Co-op, with the support of De Pere TV or Social Media Specialist, and would be offered community-wide. Commissioner Gasch proposed the workshop being a YouTube video shared through social media or a Facebook live event, but would work with staff on the feasibility and best options. Mr. Thoresen stated staff would be able to work with the Commission but due to the current restrictions in place for COVID-19 there might be additional concerns or issues. Commissioner Gasch requested the timeline for opening. Mr. Thoresen stated phase I will be implemented June 15, 2020. Commissioner Gasch requested the timeline for starting the Trex challenge. Mr. Thoresen stated he is working with staff to get the collection bins out shortly. Alderperson Ledvina questioned staff creating an informational/educational video and posting to social media. Mr. Thoresen stated that was one option that could be pursued. Commissioner Rakers requested further details regarding agenda items going forward. Commissioner Lawton agreed with Commissioner Rakers to have additional information and be informed coming into the meeting. Commissioner McKean proposed a series of short videos to get community members thinking about sustainability and tying them into the Trex challenge until in-person workshops can take place. Commissioner Gasch agreed with that plan.

Commissioner Gasch moved to approve a zero waste video tutorial series, seconded by Commissioner McKean.

Upon vote, the motion passed 5-1 with Commissioner Rakers voting no.

RESULT:	ADOPTED [5 TO 1]
MOVER:	Renee Gasch, Commissioner
SECONDER:	Rebecca McKean, Commissioner
AYES:	Garrison, Gasch, Lawton, Defnet Ledvina, McKean
NAYS:	Eric Rakers
EXCUSED:	Bill Niedzwiedz

2. Consider Clean Energy Resolution*

Scott Thoresen, Director of Public Works, explained a draft resolution from Commissioner Gasch was provided and introduced Casey Hicks to present regarding that resolution.

Commissioner Gasch moved to open the meeting for public comment at 5:54 PM, seconded by Commissioner Garrison. Upon vote, the motion passed unanimously.

Casey Hicks, Wisconsin Conservation Voters, presented on the climate change, City of De Pere draft resolution, resolutions and action plans from other communities, and resources. Commissioner Gasch explained why she believes this resolution is a good step for the City of De Pere and should be recommended to the Common Council for

adoption. Mr. Thoresen explained some concerns regarding budget and how choosing clean energy may impact the residents of De Pere financially. Commissioner Rakers stated concerns regarding financial impacts, carbon emissions during production process, and other sustainable projects that would benefit the City, residents, and environment. Commissioner Lawton explained his past experiences with clean energy, financial concerns for the residents of De Pere and concerns regarding the content of the resolution. Commissioner McKean explained her past experiences and research regarding climate change and requested Mr. Hicks provide information regarding how other communities have dealt with budgetary concerns produced by the resolution. Mr. Hicks explained budgetary concerns using Eau Claire as an example including a \$150,000 grant from Public Service Commission. Commissioner McKean and Alderperson Ledvina agreed to start with a work plan due to budgetary concerns and then look at passing a resolution. Mr. Thoresen questioned the planning process through Eau Claire including work plan, staff time, baseline assessment, and funding. Mr. Hicks stated Eau Claire hired a consultant using the grant money to get them started but many options exist for getting started. Mr. Thoresen questioned if other communities have hired new positions in regards to clean energy and carbon neutrality goals. Mr. Hicks stated that other communities have hired full-time or grant funded positions. Commissioner Lawton stated his beliefs that bringing the resolution to Council is premature, additional research needs to be done to better understand the goals in their entirety, and a work plan should be tackled first. Mr. Thoresen asked if Green Bay's commitment to carbon neutrality was part of their Green Tier qualifications since their commitment was not done through a resolution but rather as part of their sustainability workplan. Mr. Hicks stated he was unsure if they were directly related. Commissioner Gasch stated there are about 20 points on the sustainability scoresheet relating to passing or establishing and achieving the goals as discussed in the resolution.

Commissioner Rakers moved to close the meeting from public comment at 6:51 PM, seconded by Commissioner Lawton. Upon vote, the motion passed unanimously.

Commissioner Ledvina suggested holding a special meeting to further discuss the resolution and Sustainability Strategies Scoresheet.

Commissioner Lawton moved to postpone action on the Clean Energy Resolution until the next meeting, seconded by Commissioner Rakers.

Commissioner Lawton discussed his proposed timeline of bringing this back for the next regular meeting. Commissioner Gasch stated the Mayor and City Administrator were in full support of the resolution. Alderperson Ledvina stated the Mayor and City Administrator had reservations regarding the budget and clean energy and carbon neutrality resolution. Alderperson Ledvina stated her beliefs that bringing this to Council without fully understanding the resolution would be premature. Commissioner Garrison agreed with needing additional information before moving forward with recommending this resolution.

Upon vote, the motion passed 5-1 with Commissioner Gasch voting no.

RESULT:	ADOPTED [5 TO 1]
MOVER:	Randall Lawton, Commissioner
SECONDER:	Eric Rakers, City Engineer
AYES:	Garrison, Lawton, Defnet Ledvina, McKean, Rakers
NAYS:	Renee Gasch
EXCUSED:	Bill Niedzwiedz

3. Consider Baseline Assessment Projects

Scott Thoresen, Director of Public Works, outlined this item through the Commission over the last few months. Mr. Thoresen stated the goal is to create a list of projects to be tackled based off the Sustainability Strategies Scoresheet. Mr. Thoresen suggested a special meeting to address this agenda item. Alderperson Ledvina and Commissioner McKean agreed with holding a special meeting. Commissioner Gasch stated she has been reviewing the scoresheet and has a list of her top projects and encouraged that commission members come prepared with lists to the next meeting to help facilitate the meeting. Mr. Thoresen stated the scoresheet is included in the agenda for review. Commissioner Lawton requested to add a discussion of the clean energy and carbon neutrality resolution to the special meeting.

IV. Future Agenda Items

Mr. Thoresen questioned Commissioner Gasch updating the Commission on the workshops and video series. Commissioner Gasch agreed to do that.

V. Adjournment

Commissioner Lawton moved to adjourn the meeting at 7:12 PM, seconded by Commissioner Gasch.

Upon vote, the motion passed with a 6-0 vote.

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***Items with an asterisk require City Council approval.**

Agenda Sent To:

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Respectfully submitted,
Betty Sellenheim



City of De Pere, Wisconsin

Request For Sustainability Commission Action

MEETING DATE: July 14, 2020

DEPARTMENT: Sustainability Commission

FROM: Scott Thoresen

SUBJECT: Consider Baseline Assessment Projects

As discussed previously, the City Council approved the resolution recommended by the Commission to participate in the Green Tier Legacy Community Program. One of the requirements of this program is to submit a Sustainability Strategies Scoresheet (See attached) which establishes the City's baseline assessment which we will use to track our accomplishments in the future. At our last commission meeting the commission approved the finalized baseline assessment. It was also discussed at our last meeting the need to have the commission select up to five (5) projects the commission would like to work on so we can improve on our baseline score for 2020. It is the intent of this discussion to decide on what projects the commission feels we can accomplish in 2020.

ATTACHMENTS:

- City of De Pere Sustainability Strategies Scoresheet - Baseline (PDF)

Max. Score	Sustainability Strategies Scoresheet		     						
			This Sustainability Strategies Scoresheet is provided for members to track sustainability management strategies in transportation, energy, land use, water, waste, and health. This scoresheet is intended to be dynamic and flexible and will provide structure for annual reporting. In the spirit of continuous improvement toward superior environmental performance, suggested revisions to this scoresheet are always encouraged. (Approved May 2018)						
City of De Pere Scores			City of De Pere 2019 Baseline	2020	2021	2022	2023	2024	2025
TRANSPORTATION DEMAND MANAGEMENT: Transportation demand management strategies aim to reduce GHG emissions and VMT by influencing change in individual behavior. These strategies encourage walking, bicycling, and transit as modes of transportation within a community and seek to curb the number and length of trips by vehicle.									
<u>Bicycle and Pedestrian Programs/Projects</u>									
2	Require bike parking for all new non-residential and multifamily uses.		0	0	0	0	0	0	0
1	Set standards for placement and number (as function of intensity of use) for bike parking spaces.		0	0	0	0	0	0	0
3	Commuter bike routes identified and cleared.		2	0	0	0	0	0	0
10	League of American Bicyclists certification. (Bronze 5, Silver 7, Platinum 10)		0	0	0	0	0	0	0
3	Funded and operating SRTS program (or functional equivalent) covering at least 10 percent of students.		0	0	0	0	0	0	0
1	Conduct annual survey of students' mode of transport to school.		0	0	0	0	0	0	0
<u>Employer-Based Programs</u>									
5	Require large employers seeking rezoning to set a price signal (cash-out or charge).		0	0	0	0	0	0	0
5	Require large employers seeking rezoning to provide subsidized transit.		0	0	0	0	0	0	0
5	Require large employers seeking rezoning to provide a TDM plan that would reduce trips by 20 percent over business as usual.		0	0	0	0	0	0	0
<u>Traffic Volume</u>									
3	Track VMT or traffic counts and report on efforts at reduction (including those on this list).		0	0	0	0	0	0	0
3	Eliminate parking minimums from non-residential districts.		0	0	0	0	0	0	0
5	Set parking maximums at X per square feet for office and retail uses.		0	0	0	0	0	0	0
5	Scheduled transit service at basic level (hour peak service within half-mile of 50 percent of addresses).		2	0	0	0	0	0	0
10	Scheduled transit service at enhanced level (half-hour peak service within 75 percent of addresses).		0	0	0	0	0	0	0
TRANSPORTATION SYSTEM MANAGEMENT Transportation system management strategies aim to reduce GHG emissions and VMT by improving the overall performance of a transportation system. These strategies improve existing infrastructure, introduce new technology, and plan for the future of the system.									
<u>Preservation and Improvement</u>									
3	Develop and fully fund comprehensive maintenance program for existing roads.		3	0	0	0	0	0	0
5	Charge impact fees for new roads.		3	0	0	0	0	0	0
5	Calculate lane-miles per capita for arterials and collectors, and show reductions		2	0	0	0	0	0	0

Max. Score	 Sustainability Strategies Scoresheet GREEN TIER	     
5	Prepare a plan identifying disconnections in bike and pedestrian networks, prioritizing fixes and identifying potential funding sources for the most important projects.	2 0 0 0 0 0 0
5	Any proposal to add lanes to a two-lane roadway shall be evaluated for a center turn lane, the preferred option over an expansion to four lanes.	3 0 0 0 0 0 0
3	Identify four-lane roadways with fewer than 20,000 vehicles per day (AADT) and evaluate them for "road diets" with bike lanes or on-street parking	3 0 0 0 0 0 0
	Electric Vehicles	
10	Electric vehicles in gov't fleets - 2% of of fleet=5 points, 5% of fleet=10 points.	0 0 0 0 0 0 0
2	Allow NEVs on appropriate roadways.	2 0 0 0 0 0 0
2	Provide public charging stations	0 0 0 0 0 0 0
	Vehicle Idling	
5	Ban idling (more than 5 minutes) with local government vehicles.	3 0 0 0 0 0 0
5	Ban idling (more than 5 minutes) community-wide.	0 0 0 0 0 0 0
	ZONING AND DEVELOPMENT Zoning and development strategies work toward improving the overall environmental, economic, and social health of a community by promoting mixed-use and infill development, walkable neighborhoods, and an overall sustainable lifestyle.	
	Infill Development	
5	Identify priority areas for infill development, including those eligible for brownfields funding.	0 0 0 0 0 0 0
10	Create land bank to acquire and assemble priority infill sites	0 0 0 0 0 0 0
10	Develop an inventory of known contaminated properties for reuse planning, with possible GIS application	0 0 0 0 0 0 0
	Walkscore	
5	Measure Walkscore at 10 random residential addresses per Census tract, compute average, and improve upon overall score	0 0 0 0 0 0 0
	Zoning	
5	Adopt traditional neighborhood design ordinance (If population is less than 12,500)	0 0 0 0 0 0 0
5	Zoning for office and retail districts permits floor-area ratio > 1, on average.	0 0 0 0 0 0 0
5	Zoning for office and retail districts requires floor-area ratio > 1, on average.	0 0 0 0 0 0 0
5	Zoning code includes mixed use districts	3 0 0 0 0 0 0
5	Mixed-use language from Smart Code TBA.	0 0 0 0 0 0 0
	NATURAL RESOURCE MANAGEMENT Natural resource management strategies seek to conserve, preserve, protect and promote a community's greenspace, wildlife, wetlands and waterways for this and future generations by promoting pervious surfaces and adequate setbacks.	
	Canopy	
3	Adopt tree preservation ordinance per GTLC standards	3 0 0 0 0 0 0
3	Set a tree canopy goal and develop a management plan to achieve it	0 0 0 0 0 0 0
4	Have a Master Naturalist; ISA Certified Arborist or WDNR Community Tree Management Institute (CTMI) graduate on staff	4 0 0 0 0 0 0

Max. Score	GREEN TIER Sustainability Strategies Scoresheet	LEAGUE OF WISCONSIN MUNICIPALITIES COWS BUILDING THE HIGH ROAD 1000 FRIENDS OF WISCONSIN Preserving Wisconsi Communities WISCONSIN DEPT. OF NATURAL RESOURCES slipstream breakthrough energy solutions WISCONSIN COUNTIES ASSOCIATION						
2	Have community tree canopy mapped - https://pg-cloud.com/Wisconsin/	2	0	0	0	0	0	0
2	Require trees to be planted in all new developments	0	0	0	0	0	0	0
2	Certification as Tree City USA	2	0	0	0	0	0	0
2	Certification as Bird City Wisconsin Community	0	0	0	0	0	0	0
	<u>Vegetation Management</u>							
10	Public properties and rights of way mown or cleared only for safe sightlines and/or to remove invasive species.	3	0	0	0	0	0	0
10	Create community policy and BMP guidelines on minimizing chemical use during vegetation management of public and private properties	5	0	0	0	0	0	0
	<u>Water Protection</u>							
6	Establish 75-foot natural vegetation zone by surface water.	0	0	0	0	0	0	0
6	Inventory wetlands and ensure no net annual loss.	0	0	0	0	0	0	0
	<u>Community Energy Use</u> Community energy use strategies encourage energy efficiency and the use of renewable fuels to reduce total energy consumption throughout the community							
	<u>Community Energy Use Policies</u>							
10	Adopt PACE ordinance/jpa	0	0	0	0	0	0	0
10	Use PACE financing	0	0	0	0	0	0	0
5	Watt meters available to the public	0	0	0	0	0	0	0
5	Offer residents and businesses a mechanism to purchase shares of the electricity generated through a local renewable energy project. (Ex. a community solar program)	0	0	0	0	0	0	0
5	Facilitate a group-buy program through which residents receive discounted, volume-based pricing on energy efficiency or renewable energy projects based on aggregated demand.	0	0	0	0	0	0	0
3	Commit to achieving a science-based, community-wide GHG reduction goal.	0	0	0	0	0	0	0
3	Adopt Residential Energy Conservation Ordinance (time-of-sale certification and upgrades).	0	0	0	0	0	0	0
	<u>Measuring Community Energy Use</u>							
6	Work with local utilities to calculate total electricity and natural gas consumption annually, beginning with the fifth year before entering the program.	0	0	0	0	0	0	0
5	Achieve milestone reductions in GHG emissions, as specified in the community's science-based GHG reduction goals.	0	0	0	0	0	0	0
5	State of Wisconsin Energy Independent (EI) Community designation.	0	0	0	0	0	0	0
	<u>MUNICIPAL ENERGY USE</u> Municipal energy use strategies encourage municipal employees to conserve energy, preserve the environment, and decrease greenhouse gas emissions from municipal facilities, services, and vehicle fleets.							
	<u>Government Energy Use Policies</u>							
5	Include transportation energy/emissions as criterion in RFPs for purchases of goods over \$10,000.	2	0	0	0	0	0	0
2	Develop list of lighting, HVAC and shell improvements to raise Energy Star Portfolio Manager or LEED EBO&M score	1	0	0	0	0	0	0

Max. Score	 Sustainability Strategies Scoresheet	     						
10	Reduce motor fuels use for non-transit activities –	3	0	0	0	0	0	0
6	Provide transit passes at 50 percent or more off the regular price and/or provide parking cash-out options for local government employees.	0	0	0	0	0	0	0
6	Streetlights operate at 75 lumens/Watt or higher	0	0	0	0	0	0	0
4	Stoplights are LED or functional equivalent	4	0	0	0	0	0	0
2	Establish a policy requiring that all major remodeling projects on municipal buildings result in the building receiving an ENERGY STAR score that is five points higher than the building's pre-remodel score.	0	0	0	0	0	0	0
6	Commit to achieving a science-based GHG reduction goal for emissions resulting from all municipal operations.	0	0	0	0	0	0	0
3	Incorporate energy use intensity (EUI) targets into the contracting process for all significant municipal construction projects.	0	0	0	0	0	0	0
5	Establish policies requiring that all new municipal buildings achieve an ENERGY STAR score of 75 or higher.	0	0	0	0	0	0	0
2	Municipal electricity purchases are at least 5 percentage points higher in renewable content than the statewide renewable portfolio standard requires. Calculation may include self-generated power and purchased offsets.	0	0	0	0	0	0	0
Measuring Government Energy Use								
2	Work with Energy Task Force OEI to track municipal facilities - Complete EPA Energy Star Portfolio Manager spreadsheet for government energy use. Or score existing buildings with LEED EBO&M.	0	0	0	0	0	0	0
3	Achieve milestone reductions in GHG emissions, as specified in the municipality's science-based GHG reduction goal.	0	0	0	0	0	0	0
4	Calculate annual government fleet use of motor fuels, in gallons of petroleum and biofuels, beginning with the fifth year before entering the program.	0	0	0	0	0	0	0
10	All new and renovated municipal buildings must meet LEED Silver or greater.	0	0	0	0	0	0	0
WATER USE CONSERVATION								
Water Conservation strategy options set baselines and goals for water and energy performance in municipalities. They measure progress and promote water conservation by the government, business, and the community at-large.								
Water Conservation								
5	Track water and sewer use annually, beginning with fifth year before entering program, and develop plan for reductions.	0	0	0	0	0	0	0
1	Develop a water loss control plan with targets below the 15% required by the state and include a system-wide water audit implementation and time table	1	0	0	0	0	0	0
2	Join EPA's WaterSense Program for water utilities or the Groundwater Guardian Green Sites program and promote them to local business.	0	0	0	0	0	0	0
6	Use block rates and flat rates to encourage water conservation among residential, commercial, and industrial users.	0	0	0	0	0	0	0
3	Infiltration and inflow reduction by 10%	1	0	0	0	0	0	0
3	Plan for replacing all toilets using > 1.6 gpf and annual progress sufficient to reach 90 percent replacement in 10 years.	0	0	0	0	0	0	0
Local Government Use								
2	Install waterless urinals in men's restrooms at municipal facilities (city hall, parks, etc.)	0	0	0	0	0	0	0
2	All outdoor watering by local government, excluding parks and golf courses, from rain collection.	0	0	0	0	0	0	0
2	Develop a water efficiency and conservation plan for municipal buildings	0	0	0	0	0	0	0

Max. Score	 Sustainability Strategies Scoresheet	     
	WATER AND WASTEWATER INFRASTRUCTURE MANAGEMENT Setting goals for the sustainable management of water and wastewater infrastructure reduces costs; saves energy; and ensures the protection of public health and the environment.	
5	Develop and implement asset management plans that set targets for the sustainable maintenance, operation and renewal of water and wastewater infrastructure.	0 0 0 0 0 0 0
5	Wastewater biogas captured and used in operations.	0 0 0 0 0 0 0
6	Conduct an energy assessment for municipal water and wastewater facilities and develop a plan to increase energy efficiency	0 0 0 0 0 0 0
3	Financial assistance for sewer lateral replacements.	0 0 0 0 0 0 0
4	Set goals for increasing the recovery of resources from wastewater for energy generation (heat or electricity) and fertilizer.	0 0 0 0 0 0 0
4	Explore partnership options with high-strength waste.	0 0 0 0 0 0 0
4	Upgrade water and wastewater utility equipment (e.g., variable frequency drive motors) to achieve energy efficiency based on total life cycle, triple bottom line costs (e.g. maintenance and replacement strategies in asset management plans).	2 0 0 0 0 0 0
	STORMWATER MANAGEMENT Stormwater Management strategy options encourage the use of best management practices to achieve a reduction in the amount of harmful pollutants introduced to our streams, rivers, and lakes.	
3	Develop a regular street sweeping program to reduce total suspended solids	3 0 0 0 0 0 0
4	Stormwater utility fees offer credits for best management practices such as rain barrels, rain gardens, and pervious paving	2 0 0 0 0 0 0
3	Inventory all paved surfaces (e.g., by GIS mapping), and develop a plan for reduction	0 0 0 0 0 0 0
5	Work with commercial or light industrial businesses to develop stormwater pollution plans	3 0 0 0 0 0 0
	WATER AND DEVELOPMENT Water and Development strategy options link water conservation and the preservation of land, wetlands, and wildlife habitat while promoting compact development, restoration and rehabilitation efforts, and long-term planning.	
	Land Development	
3	Identify key green infrastructure areas during plan development and/or implement a plan to acquire and protect key green infrastructure areas	0 0 0 0 0 0 0
	Waters, Wetlands, and Wildlife	
3	Replace concrete channels with re-meandered and naturalized creeks, wetlands, or swales	1 0 0 0 0 0 0
4	Develop a system for identifying culverts that obstruct fish migration and install fish friendly culverts where needed	0 0 0 0 0 0 0
4	Provide incentives for protection of green infrastructure, sensitive areas, important wildlife habitat, or for the restoration or rehabilitation of wetlands or other degraded habitats such as credit towards open space or set-aside requirements	0 0 0 0 0 0 0
	WASTE MANAGEMENT AND REDUCTION Waste Management and Reduction strategy options encourage municipalities and their citizens to divert organics and recyclables from landfills and properly dispose of hazardous materials in an effort to reduce waste in a community.	
8	Community waste stream monitored at least annually . Waste reduction plan prepared and updated annually	3 0 0 0 0 0 0
8	Waste and materials management plan based on "zero-waste" principles, with specific goals, prepared and updated annually	0 0 0 0 0 0 0

Max. Score	 Sustainability Strategies Scoresheet GREEN TIER	     
3	Construction/deconstruction waste recycling ordinance	3 0 0 0 0 0 0
5	Mandatory residential curbside recycling pickup that covers paper, metal cans, glass and plastic bottles	5 0 0 0 0 0 0
5	Develop a municipal collection program that encourages the diversion of food discards, yard materials, and other organics from landfills to composting or anaerobic digestion with energy recovery	0 0 0 0 0 0 0
6	Develop and promote programs that dispose of household hazardous, medical, and electronic waste	3 0 0 0 0 0 0
7	Use anaerobic digesters to process organic waste and produce energy	0 0 0 0 0 0 0
5	Implement municipal ordinances requiring manufacturer takeback for fluorescent bulbs, thermostats and other mercury-containing devices	0 0 0 0 0 0 0
4	Ordinances in place to reduce the usage of phone books as well as single-use shopping bags, styrofoam food containers and other	0 0 0 0 0 0 0
4	Pay-as-you-throw system implemented by municipality or required of private waste haulers	0 0 0 0 0 0 0
3	Use public education and outreach to promote recycling, backyard composting, product re-use and waste reduction	3 0 0 0 0 0 0
HEALTHY COMMUNITY PLANNING Policies and projects related to incorporating health living into community design- whether by built form, programs, education, etc. in an effort to reduce trends in poor nutrition, inactive lifestyles, chronic diseases, such as obesity and heart disease, and other negative health risk factors.		
<u>Policies Affecting Multiple Program Areas</u>		
7	Adopt a resolution that promotes Health in All Policies at the community level (e.g., HEAL Resolution). Include that educational campaigns supporting a program covered by the resolution are appropriately targeted to all of the populations addressed by the program	0 0 0 0 0 0 0
8	Establish a Health Impact Assessments policy, including when an assessment is required and its scope	0 0 0 0 0 0 0
<u>Planning</u>		
7	Add health policies in 1 or more of the community's plans, including the comprehensive plan, long-range transportation plan, bicycle/pedestrian plan and open spaces recreation plan (embedded or stand-alone chapter) or develop a comprehensive, community wide wellness plan.	0 0 0 0 0 0 0
6	Site schools in the Comprehensive Plan for accessibility with existing or new bicycle and pedestrian infrastructure	0 0 0 0 0 0 0
8	Encourage the formation and/or support of Neighborhood Improvement Districts (NIDs), Neighborhood Development Corporations, or other similar types of neighborhood reinvestment and enhancement strategies in plans or policies.	0 0 0 0 0 0 0
<u>Healthy Food Access</u>		
7	Implement strategies (urban agriculture, community gardens on public land, diversified farmer's markets, expanded traditional retail food options, ordinances to allow urban chickens and beekeeping and vegetable gardening in rights of way) that help increase fresh food access in the community, in particular in areas with food insecurity (e.g., "food deserts" and "food swamps"), including access by EBT and WIC participants.	7 0 0 0 0 0 0
6	Create a Food Systems Plan that addresses the production, distribution, value-added, marketing, end-market, and disposal of food, and charge a new or existing governmental body to oversee the plan's implementation.	0 0 0 0 0 0 0
<u>Physical Activity and Access</u>		

Max. Score	 Sustainability Strategies Scoresheet	     						
5	Provide an on-street and/or off-street trail network connecting recreational areas in the community (e.g. safe routes to parks) and other trip generators, such as shopping malls, ensuring all neighborhoods are included in planning and implementation.	3						
4	Encourage pedestrian and bicycle site connections from front door of businesses or apartments to a public sidewalk and/or bike lane ensuring connections to all neighborhoods.	0	0	0	0	0	0	0
4	Provide education and establish programming to encourage physical activity, especially by youth.	0	0	0	0	0	0	0
7	Establish an expanded public transit that serves commuters from all neighborhoods and major parks and recreation facilities, and has racks on vehicles for carrying bicycles.	2	0	0	0	0	0	0
5	Require sidewalks in new residential areas and establish a policy for adding sidewalks, as appropriate, in areas built out without sidewalks.	5	0	0	0	0	0	0
2	Implement a Complete Streets policy.	1	0	0	0	0	0	0
5	Provide recreation programs for youth, adults, senior citizens and disabled persons.	5	0	0	0	0	0	0
5	Establish a pedestrian safety task force.	2	0	0	0	0	0	0
<u>Housing</u>								
6	Adopt ordinances and programs to maintain a healthy housing stock (code enforcement, landlord licenses, volunteer program, truth-in housing disclosure before sale, etc.).	0	0	0	0	0	0	0
5	Allow life cycle or adaptable housing options, such as "aging in place", accessory dwelling units, Universal or Inclusive Design, Dementia Friendly Communities, Age-Friendly Communities, etc.	0	0	0	0	0	0	0
8	Establish a program to make housing more affordable.	0	0	0	0	0	0	0
5	Establish a program to address chronic homelessness, such as "permanent housing".	0	0	0	0	0	0	0
<u>Crime Prevention and Other Harm Reduction</u>								
4	Use by policy, ordinance or practice, Crime Prevention Through Environmental Design and active threat planning to make public spaces, such as recreational space, crime free.	0	0	0	0	0	0	0
5	Establish and implement Harm Reduction strategies for alcohol outlet density and sexual oriented establishments (e.g. zoning limitations)	0	0	0	0	0	0	0
5	Adopt an ordinance or policy that requires tobacco-free and e-cigarette free apartments or places limitations on such structures.	0	0	0	0	0	0	0
6	Adopt an ordinance or policy that promotes tobacco-free and e-cigarette free parks and/or public events on local government-owned property.	0	0	0	0	0	0	0
<u>Climate Change</u>								
5	Create and implement a climate change action plan that includes a carbon footprint study, and health related components on reducing air pollution from combustion of fossil fuels and responding to heat episodes and flooding, focusing in particular on most vulnerable populations.	0	0	0	0	0	0	0
<u>Noise</u>								
5	Adopt an ordinance, including conditional use permits, on noise abatement for various zoning districts.	5	0	0	0	0	0	0
<u>Employee Health</u>								
5	Implement a wellness program for employees of the local jurisdiction.	5	0	0	0	0	0	0

Max. Score	 Sustainability Strategies Scoresheet	     						
5	Encourage or partner with others, such as the Chamber of Commerce, etc., to advance workplace wellness programs within the community.	0	0	0	0	0	0	0
	Placemaking							
5	Support placemaking at varying scale (neighborhood to major city facility) and permanence (temporary to permanent) through programming, financial support and removal of regulatory barriers to promote healthy living and social capital in the community.	0	0	0	0	0	0	0
5	Adopt form-based codes or similar type design guidelines for healthy active living environments.	0	0	0	0	0	0	0
	Waste Pharmaceuticals							
6	Establish partnerships to reduce waste pharmaceuticals generated in the community and to efficiently collect remaining wastes to prevent their abuse and entry into solid waste or wastewater.	6	0	0	0	0	0	0
653	: TOTAL POSSIBLE	TOTAL SCORED:	128	0	0	0	0	0



City of De Pere, Wisconsin

Request For Sustainability Commission Action

MEETING DATE: July 14, 2020

DEPARTMENT: Sustainability Commission

FROM: Scott Thoresen

SUBJECT: Consideration and possible action on Clean Energy Resolution*

Commissioner Gasch has requested the Commission consider a clean energy resolution. The draft resolution was not available at the time the Commission agenda was put together and will most likely be emailed to the Commissioners prior to the Commission meeting. In addition, attached are resolutions the City of Eau Claire and Fitchburg have adopted on clean energy resolutions for your review.

ATTACHMENTS:

- De Pere Clean Energy Resolution (Draft) (PDF)
- EauClaireCityCouncilResoon (1) (PDF)
- Fitchburg Clean Energy Resolution (PDF)

RESOLUTION to establish clean energy and carbon neutrality goals
for the City of De Pere

WHEREAS, the City of De Pere has already demonstrated progress in reducing carbon emissions in its municipal operations, for example through its green roof on city hall, its transition to natural gas engines in public works vehicles, and other building efficiency upgrades.

WHEREAS, the State of Wisconsin, City of Green Bay, the Oneida Nation, Green Bay Area Public School District, University of Wisconsin – Green Bay, and St. Norbert College have all committed to achieving 100 percent clean energy, energy conservation, and other sustainability goals by 2050 or earlier;

WHEREAS, the entire community stands to benefit when collaborative approaches are taken to invest in clean energy, such as job creation, increased property values, long-term resilience, cleaner air and water, improved public health, and economic benefits for taxpayers;

WHEREAS, the City of De Pere is likely to see budget shortfalls due to the impact of COVID-19 on the regional economy and investing in clean energy and reducing its carbon footprint will lead to money saved to maintain essential services;

WHEREAS, the City of De Pere has already seen an increase in the severity of weather patterns and flooding as well as decreased water and air quality due to carbon emissions;

WHEREAS, climate scientists have found that if action is not taken to reach net-zero carbon emissions by 2030 then irrevocable damage to the climate will occur;

WHEREAS, the City of De Pere is committed to ensuring all residents, no matter race, ethnicity, age, income, geographic location or ability level are involved in the decision making and planning process so that the city's transition to clean energy benefits all;

NOW, THEREFORE, BE IT RESOLVED, that the City of De Pere establishes goals to meet 50% of all city operations energy needs with carbon neutral energy and offsets by 2030, 75% by 2035 and 100% by 2040 as measured by its carbon footprint;

BE IT FURTHER RESOLVED, that the City of De Pere will account for these goals in its 2021 budget cycle and collaborates with the De Pere Sustainability Commission to develop a work plan which identifies cost-effective measures to transition to clean energy and net-zero carbon emissions;

IN WITNESS THEREOF, the undersigned, being all members of the De Pere Common Council, have executed this resolution on this DD day of MM month, YY Year.

Signatures

RESOLUTION

RESOLUTION ADOPTING THE MAJOR RECOMMENDATIONS OF THE DECEMBER 27, 2017 EXECUTIVE SUMMARY REPORT FROM THE SUSTAINABILITY ADVISORY COMMITTEE ANALYZING THE LOCAL IMPACTS OF THE PARIS CLIMATE AGREEMENT.

WHEREAS, on June 27, 2017 the City Council of the City of Eau Claire directed the Sustainability Advisory Committee and staff to provide recommendations on how the City of Eau Claire is meeting the Paris Climate Agreement; and

WHEREAS, the Paris Climate Agreement is an international treaty that seeks to stabilize the global climate system by “holding the increase in the global average temperature to well below 2 °C above pre-industrial levels and pursuing efforts to limit the temperature increase to 1.5 °C above pre-industrial levels”; and

WHEREAS, climate scientists have determined this upper temperature limit to be the best feasible scenario in managing climate change impacts (such as extreme weather events and sea level rise) that threaten public safety, infrastructure, private property and economic prosperity; and

WHEREAS, on January 8, 2018 the City Council received recommendations in an executive summary report entitled “Towards a Renewable City”. To assist in meeting the objectives of the Paris Climate Agreement, from a local perspective, carbon neutrality and 100% renewables by 2050 were suggested as essential goals to pursue; and

WHEREAS, these recommendations will advance the City’s mission “to assure the common good through services essential for a safe, sustainable, engaged and healthy community”; and

WHEREAS, the recommendations are consistent with the City’s The Natural Step Framework 2009 resolution to reduce fossil fuel use, lessen pollutants, decrease damage to the natural environment and to not compromise meeting basic human needs; and

WHEREAS, these recommendations align with policy and principles within several adopted plans, including but not limited to, the City’s Strategic Plan 2015-2018 and the City’s Comprehensive Plan Sustainability and Health Chapters; and

WHEREAS, these recommendations succeed the City’s 2008 Energy Independence Community (EIC) commitment of 25% renewable electricity and transportation fuels by 2025; and

WHEREAS, the City envisions a climate and energy planning process that will reflect community values and stakeholder participation to develop low-carbon means to reach these goals. Stakeholders include residents, low-income and minority populations, large and small businesses, local utilities, the educational community, institutions, the building and construction sector, transportation providers, waste companies and many others; and

WHEREAS, the process to achieve these ambitious goals represents a journey that needs to be realistic and sensitive to unintended impacts. Careful and ongoing planning is necessary to understand what is practical in the short term while ratchetting up efforts in the mid and long-term target ranges, where technological advancements occur and costs decline; and

WHEREAS, the U.S. Chamber's position is "Climate change is a serious challenge that needs to be addressed through thoughtful policies that will have a meaningful impact. The Chamber supports efforts to reduce greenhouse gas emissions and believes technology and innovation offer the greatest potential to reduce emissions and mitigate the negative impacts of climate change. The best solutions are going to come from the private sector—or the private sector working together with government. Protecting our economy and the environment for future generations are mutually achievable goals. The Chamber has vigorously supported the production and use of renewable energy and we have consistently called for additional funding for renewable and other clean energy technology advancements."; and

WHEREAS, Wisconsin pays an estimated \$14 billion dollars to states with fossil fuel resources and is last in per capita workforce in the clean energy economy compared to other Midwestern states. Pursuing these goals will reduce out-of-state monetary flows, recycle dollars back into the local economy, spur local economic development and create jobs; and

WHEREAS, a 2017 community sustainable development survey revealed public support in the city for pursuing aggressive municipal and community goals, and further, demonstrated a willingness to pay slightly more in making the transition.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Eau Claire that it adopts the following sustainability goals:

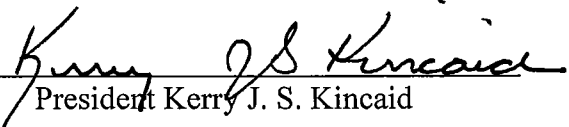
- 1) Achieve municipality and community carbon neutrality by 2050 with incremental drawdown targets of 5% by 2020, 25% by 2030, 30% by 2040 and 40% by 2050.
- 2) Obtain 100% renewable energy by 2050 for the municipality and city.

NOW, THEREFORE, BE IT FURTHER RESOLVED by the City Council of the City of Eau Claire that a 2015 greenhouse gas baseline will be used to evaluate progress.

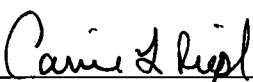
NOW, THEREFORE, BE IT FURTHER RESOLVED by the City Council of the City of Eau Claire that the City will undertake planning and action initiatives to assist the municipality and community in achieving these sustainability goals.

NOW, THEREFORE, BE IT FURTHER RESOLVED by the City Council of the City of Eau Claire that all purchasing decisions that come before the City Council for approval, which impact our goals of carbon neutrality and renewable energy, shall include a cost benefit analysis and a measurement of the contribution the purchase will have towards reaching our stated goals. Such analysis shall include, at a minimum, the initial purchase cost differential, and if significant the relative operation and maintenance costs of the competing options.

Adopted,
March 13, 2018

(SEAL) 
President Kerry J. S. Kincaid

(SEAL) 
City Manager Dale Peters

(ATTESTED) 
City Clerk Carrie L. Riepl

Mayor Gonzalez
Introduced by

Mayor
Prepared by

Finance, Board of Public Works,
Resource Conservation Commission
Referred to

January 22, 2019
Date

RESOLUTION R-26-19

CITY OF FITCHBURG RESOLUTION TO ADDRESS GLOBAL CLIMATE CHANGE THROUGH CLEAN ENERGY

WHEREAS, climate scientists agree that climate change, mean temperature and sea level rise, ocean acidification and coral reef destruction are occurring and will intensify as a result of human greenhouse gas emissions, causing massive global and local ecological harm, *including to Wisconsin ecosystems, agriculture, business, recreation opportunities; and*

WHEREAS, the entire world united in December 2015 to support the Paris Climate Agreement to attempt to limit global temperature rise to 1.5 degrees C; and

WHEREAS, federal and Wisconsin state agencies have since withdrawn from the Paris Climate Agreement and deny the urgency and causes of climate change; and

WHEREAS, many U.S. cities have declared that they are *still in* the Paris Climate Accord, including some communities in Dane County, and have adopted either a carbon neutral goal or a goal to use some or all of their electricity from clean, renewable sources; and

WHEREAS, the City of Fitchburg committed to use 25% of their municipal energy from renewable sources by 2025 through the State of Wisconsin 25x25 Energy Independent Community Pledge in 2008, and as of 2018 have reached 15%; and

WHEREAS, the Fitchburg's Common Council and Mayor signed the 2009 Mayors' Climate Protection Agreement and the City developed a baseline greenhouse gas emissions inventory and a climate action plan to reduce its carbon footprint; and

WHEREAS, the Fitchburg Common Council approved installation of 362 kW of solar electric on four city-owned buildings (City Hall, Library, West Fire Station and Public Works) in 2017, which has been added to the City's 22.2 kW of existing solar electric; and

WHEREAS, the City has solar hot water at City Hall and West Fire Station (with another planned for new East Fire Station in 2019), and two geothermal buildings (Library and West Fire Station (with geothermal being planned for East Fire Station); and

WHEREAS, the City has committed to energy efficiency through LEED equivalent checklists that provide guidance for all municipal building projects, and

WHEREAS, the City intervened in MGE's 2014 rate case at the PSC to support electric rates

that encourage energy efficiency and renewable energy that is fair to all users; and

WHEREAS, 90 Fitchburg residents have completed a community solar survey, and more than 125 people turned out for two recent community forums: solar options (2016) and climate change (2017); and

WHEREAS, the City's energy use could be served by existing renewable energy technology at reasonable cost, and the economic opportunities in this area from a clean energy transition greatly exceed any economic opportunities from fossil fuels; and

WHEREAS, community-based environmental infrastructure development can benefit the entire City, and provide jobs, add to economic activity, and provide equity benefits; and

WHEREAS, many City businesses are installing rooftop solar systems because they regard them as good business decisions, and

WHEREAS, given the accelerating rate of climate change, energy consumers, the City, and the utility serving the City must take strong action imminently to reduce carbon emissions, and shift to 100 percent renewable electricity by 2035, which is within practical and economic reach given the dramatic decrease in renewable energy costs; and

WHEREAS, achieving these energy goals will require concerted action from individuals and the community, in urban and rural areas, from local and state governments, and from businesses and utilities; and

WHEREAS, low-income and vulnerable residents are often most burdened by the cost of energy and are the most susceptible to public health impacts of continued reliance on fossil fuels (especially the incidence of asthma and other respiratory illnesses related to air pollution on high temperature days); and the City is committed to energy efficiency and renewables, electrified transportation, fair utility rates, and employment opportunities; and

WHEREAS, youth and future generations will be more severely impacted by climate change, it is the duty of current leaders to act promptly and resolutely to mitigate climate change for the health and well-being of the planet and all living beings who depend on it for sustenance; and

WHEREAS, use of distributed, renewably-generated energy, paired with energy storage, and sometimes connected by micro-grids is an important strategy to build disaster resilience;

NOW, THEREFORE, BE IT RESOLVED, that given the City's first choice for meeting energy needs is energy efficiency measures that reduce both operating costs and carbon footprint, the City will prioritize energy efficiency and conservation as a means of rapidly reducing the need for centralized fossil energy generation; and

BE IT FURTHER RESOLVED, that the City will increase green infrastructure such as urban tree canopy, green roofs, green streets, electric vehicle charging stations, and bike & pedestrian paths and other climate resiliency strategies as effective strategies to reduce energy consumption and increasing public health and well-being;

BE IT FURTHER RESOLVED, the City will meet 25 percent of its electric needs for City operations through renewable energy resources by 2025, and 100 percent by 2030; and

BE IT FURTHER RESOLVED, the City will work to reduce its fossil energy use for all city operations at least 30% per capita; by 2030, and 50% per capita by 2050; and

BE IT FURTHER RESOLVED, the City will actively facilitate the reduction of community wide energy use (from 2018 levels) by at least 30% per capita by 2030, and 50% per capita by 2050; and

BE IT FURTHER RESOLVED, the City will prioritize energy resources and programs that benefit low-income residents and create more equity in energy use, rates and jobs in the community; and

BE IT FURTHER RESOLVED, the City *supports science based decisions* and climate policy at the federal and state levels and affirms its ongoing commitment to the goals of the Paris Climate Agreement and the City's responsibility to meet its greenhouse gas reductions based on the Paris Climate Agreement; and

BE IT FURTHER RESOLVED, the City will prioritize community-based development of renewable energy and will collaborate with other government and public entities, including Dane County Climate Council, to implement all energy mitigation measures; and

BE IT FURTHER RESOLVED, the City will prioritize micro-grid-based renewable energy projects and distributed generation, including energy storage at key public facilities to reduce vulnerability to main electric grid failure; and

BE IT FURTHER RESOLVED, the City will develop *an Energy and Water Plan* that includes a resiliency/sustainability and adaptation plan to deal with anticipated changes associated with climate change.

Adopted this 26th day of February, 2019.

Patti Anderson, City Clerk

Jason C. Gonzalez, Mayor