



# City of Madison

City of Madison  
Madison, WI 53703  
www.cityofmadison.com

## Meeting Minutes - Draft SUSTAINABLE MADISON COMMITTEE

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Monday, January 28, 2019

4:30 PM

215 Martin Luther King, Jr. Blvd.  
Room 207 (Madison Municipal Building)

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### CALL TO ORDER / ROLL CALL

The meeting was called to order at 4:30 p.m.

Staff present: Jeanne Hoffman and Stacie Reece.

Before Agenda Item No. 1, Asligul Gocmen, instructor of a Green Urbanism course at UW-Madison was introduced. Students in her spring semester class will work in teams to develop recommendations for select items in the 100% Renewable Madison Report.

**Present:** 10 - Jonathan D. Hepner; Rajan V. Shukla; Michael J. Vickerman; Lance E. Green; Richard J. Pearson; Jesse J. Shields; Denise DeMarb; Richard A. Heinemann; Samuel J. Dunaiski and Jessica M. LeClair

**Excused:** 8 - David Ahrens; Michael J. Tierney; Sam J. Breidenbach; Bradley Campbell; Jeannette E. LeZaks; Maria A. Schletzbaum; Kyla H.S. Beard and Joseph M. Ryan

### APPROVAL OF MINUTES

A motion was made by DeMarb, seconded by Dunaiski, to Approve the Minutes from November and December 2018 meetings. The motion passed by voice vote/other.

### PUBLIC COMMENT

None.

### DISCLOSURES AND RECUSALS

None.

### NEW BUSINESS

1. [54155](#) Creating Section 23.61 of the Madison General Ordinances to impose air conditioning limitations on commercial use buildings or structures.

**Attachments:** [Substitute Body](#)  
[Version 1](#)

**A motion was made by Vickerman, seconded by DeMarb, to Refer to the SUSTAINABLE MADISON COMMITTEE and should be returned by 2/25/2019. The motion passed by voice vote/other.**

2. [54470](#) DRAFT 100% Renewable Madison Report Resolution

Attachments: [DRAFT 100% Renewable Madison Report RESOLUTION-edits 1.22.2019.p](#)

A motion was made by Vickerman, seconded by LeClair, to Approve. The motion passed by voice vote/other.

Jon Becker – Thanked the committee and consultants for their time and response to the CRANES letter. Becker recommended a cover letter to address concerns of the socio-economic and health implications and that UW-Madison could help provide assistance. Becker stated that the City could be at risk of lawsuits based on the health impacts. Also stated that the current Report is heavily reliant on REC's and recommend the Resolution include a cover letter to address 100% true renewable energy as endorsed in 2013 which reflected a public engagement process from 2011 to 2013. Becker requested for the committee to think about equity and referenced the U.S. Supreme Court case where children are suing the U.S. government under the public trust doctrine and if the City were to fall short of their goals they could be left open for litigation.

Discussion: Shukla summarized the Resolution as a) providing background b) Committee's recommendation of Scenario 3 and c) Providing a mechanism for major functional committees to help achieve the City's goal. DeMarb stated a request to remove Community Development Authority and to add the Finance Committee. Vickerman requested to leave in Community Development Authority. DeMarb requested to change the Transportation Commission to the Transportation Policy and Planning Board. DeMarb clarified that the SMC does not have the authority to sit-in and make decisions at other City meetings, but rather to assist them and to make sure they have a clear understanding as they go through the planning process and what needs to be done to be in line with 100% Renewable Energy. Shukla added that staff will provide guidance. DeMarb suggested that there may be work done at the sub-committee level to meet separately that will require guidance and support. Heinemann asked to discuss the last paragraph. Green suggested the option of having this stay in the current Resolution or in a separate Resolution. Vickerman clarified the intent of the paragraph as to specify net zero performance their own facilities as well as renovations in the future and to fully appreciate actual policy in the design of facilities. DeMarb recommended a sub-committee go through the Report and write a cover letter to each relevant committee on expectation as a way to track outcomes. DeMarb stated that a 2 year review process would be too long and to change it to 1 year. Green asked for clarification on the current process for facility design. Hoffman stated that the City passed a Resolution that all new and renovated facilities to be certified LEED Silver or greater and recommended a separate Resolution for zero net building design requirements due to the need to identify tradeoffs and timeline for implementation. Hepner asked if facility designs are referred to SMC. Hoffman clarified that building design energy performance goals are stated in the RFP as earlier in the process is easier. DeMarb suggested that the work we need to do now is with committees and to set up a sub-committee to find a time to meet and put together a checklist. Vickerman requests to strike the last paragraph. Green asked if 6 months is a reasonable timeframe to submit a plan. DeMarb stated yes but that it needs to come back to the SMC and then to Council for adoption. Shukla request edit of 'committees will work with staff' to change to 'staff will work with committees.' Heinemann request to place paragraph that references

plan submitted in 6 months to be placed under the staff will work with committees paragraph. DeMarb requested that the referral schedule to include the Water Utility Board. Shukla recommended that committee members attend the referral meetings to start building trust.

Motion to approve the Resolution regarding the 100% Renewable Energy Report as modified by the SMC. Moved by Vickerman, seconded by LeClair. Voice vote approval.

## PRESENTATION

### 3. MGE Renewable Energy Rider

Presentation from Scott Schmitt from MGE on their Renewable Energy Rider (RER).

Discussion: DeMarb ask for clarification on terminology, school project cost comparison and distribution cost. Shukla asked what the percentage of non-eligible buildings are in the City's portfolio. Schmitt stated that small commercial, park shelters and traffic lights are non-eligible. Hepner asked about solar rooftop options for non-eligible buildings and Schmitt verified that the RER would not preclude this. Heinemann asked for clarification on baseline assumptions. Hoffman asked about historical rate increases at MGE. Vickerman clarified MGE rate reset from the corporate tax reduction in 2018. Heinemann asked for clarification on capital costs and the inflator. Dunaiski asked about the reduction in sales to the wholesale market; Schmitt stated it was due to the PV array expected degradation. Hoffman requested to have MGE verify data profile. Shukla and Green asked for clarification on cumulative savings and recouping costs and their effect on MGE. Hepner asked for clarification on the effect of reduction in customer usage as well as self-generation. Schmitt offered the example of the electrification of transportation as a variable in the consumption profile. Vickerman stated that although there is a decrease in usage, there is an increase in customers. Green asked for clarification on PSC's ruling on the RER of cumulative total of projects of 25 MW and how that will be allocated through projects such as this one proposed. Discussion on the percentage of profile that will be through this RER project, clarification from Schmitt on what the 23% / 32% represents. DeMarb asked about the option for a larger project such as 7.5 MW. Schmitt stated that this would be more risky based on the amount of over production due to not being in alignment with the consumption profile and therefore being sold to the wholesale market at a lower rate. Discussion of behavior modification to mitigate risk. Discussion of next steps and needs from the SMC. MGE will send contract language to Hoffman for City attorney review. Meeting to be scheduled to review the City's profile to better determine size and pricing.

Shukla offered floor for public comments

Jon Becker –The Institute of Local Self-Reliance located in Minneapolis that has a study that looks at the socio-economic variables of more de-centralized distributed energy resources. Becker asked that the Committee look at this study and consider the cost benefits using these socio-economic variables when comparing utility scale to rooftop solar.

## DISCUSSION ITEMS

4. [50657](#) Report Regarding 100% Renewable Energy/Zero Net Carbon Goal

**Attachments:** [Madison 100RE SMC update 2017-2-22.pdf](#)  
[SMC Report 4 2 2018 FINAL.pdf](#)  
[Madison SMC City Operations - SEG update 2018-04-23.pdf](#)  
[Scenario Summary by Department August 2015.pdf](#)  
[Final Draft Madison Municipal Energy Analysis June 2015.pdf](#)  
[City of Madison 100 Percent Renewable Energy Report - Public Draft.pdf](#)  
[Comments on HGA Navigant 100 Renewable Draft Heinemann HGA respons](#)  
[DRAFT100RE\\_SRcomments\\_10\\_1\\_2018\\_seg\\_Responses - JA.PDF](#)  
[SMC\\_Draft 100 RE Plan Comments.pdf](#)  
[100% RE Plan – Public Comments – Jon Becker \(via email\).pdf](#)  
[Updated SMC Draft 100 RE Plan Comments 11 13 2018.pdf](#)  
[100% Renewable Madison Report.pdf](#)  
[CRANES-MADOPSCAP-Letter to SMC-2018-12-07final.pdf](#)  
[100% Renewable Madison Report 2018-12-17.pdf](#)  
[Consultant Response to CRANES 1 15 2019.pdf](#)  
[100 Renewable Madison Report 2019-01-22.pdf](#)  
[MGE Ltr re 100% report 01-24-19 FINAL.pdf](#)

**Discussion:** Shukla asked if there are any final questions and stated that the modifications since last meeting have been added.

**Motion for the SMC to approve the 100% Renewable Madison Report. Moved by Green, seconded by DeMarb. Discussion:** Green stated his concern about the amount of REC's echoing similar concerns from energy advocates but accepts that this will be an evolving situation. Shukla thanked everyone for their work on the Report. Voice vote approval.

**[Action: Discuss and continue]**

5. Tour of Digester in Middleton

**Green gave background on discussion with Gundersen Lutheran who owns the digester in Middleton about doing a test run to process waste such as leaves and lake weeds and they offered a tour to the SMC. A poll will be sent out to determine a date.**

6. [53550](#) Possible LaFollette Capstone project.

**Attachments:** [Draft Capstone application\\_City of Madison.pdf](#)

LaFollette students introduced selves, project is to work on resiliency strategies for the City of Madison, including a) Identifying the likelihood of events, b) Identifying the disproportionate effects and social determinants, c) Use the August 2018 flood as a case study, and d) Determine best practices. Hoffman gave background on the application process and how this will be the start of educating stakeholders and policy makers. DeMarb asked how to best use the work. Hoffman suggested a presentation to the SMC and others along with a Resolution. DeMarb suggested others include Finance, Public Works, and Planning.

[Action: Discuss and continue]

7. City/MGE Agreement and Working Group

Hoffman stated that there is a group meeting tomorrow to discuss the RER project, other solar and wind projects, benchmarking lite, and traffic engineering light project.

8. [54139](#) Update: RESJI / Equity Lens for 100% Renewable Energy Plan

**Attachments:** [EQT 100 Percent Renew Plan Initial Draft Feb 25 2019 SMC Outline.pdf](#)

Reece gave an update on working with Annette Miller and the delay in starting an equity review of the 100% Renewable Madison Report. DeMarb stated that this was problematic; however, the relevant committee plans will be about implementation and that is where equity can be included. Review of racial equity language in Resolution (#2). LeClair clarified that the 100% Renewable Energy Report is a report and not a plan and that RESJI can be hardwired in the actual implantation plans. Request to change title when added to Legistar.

[Action: Discuss and continue]

9. Urban Forestry Task Force

No one in attendance who sits on UFTF, request to refer to February SMC meeting.

Motion to refer #9 "Urban Forestry Task Force" to the February Sustainable Madison Committee Meeting. Moved by DeMarb, seconded by Dunaiski. Voice vote approval.

10. [53439](#) Integrated Pest Management Policy Review Task Force Meeting Materials

**Attachments:** [Pest management on City Property - Policy 051804.pdf](#)  
[IPM Task Force survey memo 110518.pdf](#)  
[IPM Policy Survey DRAFT 110118.pdf](#)  
[IPM Basics and Benefits Presentation\\_Thomas Green 110518.pdf](#)  
[IPM Policy Survey DRAFT w. Cover 112018.pdf](#)  
[IPM-PRTF Project Charter 11-28-18 DRAFT.pdf](#)  
[2017 Pesticide Use Water Utility Combined.pdf](#)  
[Public Health Pesticide Report and Plan 2017.pdf](#)  
[Engineering 2017 Pest Management Report Final.pdf](#)  
[2017 Parks Pesticide Report\\_w.o policy.pdf](#)  
[San Francisco IPM Ordinance\\_1996.pdf](#)  
[Portland ME Pesticide Use Ordinance 2018.pdf](#)  
[San Francisco IPM Plan\\_2010.pdf](#)  
[City of Dubuque IPM Plan\\_REVISED 2016.pdf](#)  
[Carlsbad IPM Plan 2017.pdf](#)  
[IPM Taskforce Presentation 121718\\_Hausbeck.pdf](#)  
[Municipal IPM Programs 121718\\_Green.pdf](#)  
[Best IPM Practices Table DRAFT 121618.pdf](#)  
[Parks Land Mngmnt Plan 2017 ADOPTED.pdf](#)  
[Best Practices - Turf Management and Pollinator Conservation\\_2016.pdf](#)  
[Parks Division IPM Practices\\_Pres 010719.pdf](#)  
[2018-2023 Parks and Open Space.pdf](#)  
[Powell\\_MEJO IPM Input.pdf](#)  
[Department Pesticide Report\\_Management Matrix Dec2018.pdf](#)  
[Reso51224\\_SUB\\_Creating IPM-PRTF 2018.pdf](#)  
[Parks Division Responses to 010719 Qs.pdf](#)  
[IPM Practices Survey\\_Key Findings.pdf](#)  
[IPM Policy and Operations Manual\\_EugeneOR.pdf](#)

Green gave update on the task force's look at the change in City policies, training, reporting, and recommendations for products used as well as a volunteer approach. The task force will have 2 more meetings before submitting their recommendations.

A motion was made to Discuss and continue. The motion passed by voice vote/other.

11. [53740](#) Sustainable Purchasing Policies Working Group.

**Attachments:** [ASBC The Power of Sustainable Purchasing.pdf](#)  
[Plastic Bag Ban Preemption Memo.pdf](#)  
[Single Use Straw Bans.pdf](#)  
[Sustainable Purchasing Policy Proposal.City of Middleton.Final.pdf](#)  
[Sustainable Purchasing Policy.03.01.17.pdf](#)

Hoffman stated that staff will be working with an intern from Edgewood College's Social Innovation and Sustainability Leadership program on Sustainable Purchasing. Reece shared recent meetings with the City's purchasing department.

[Action: Discuss and continue]

12. 2019 SMC Planning

DeMarb mentioned criticism on not fully addressing the community as a whole in the 100% Renewable Madison Report and offered for the SMC to take up this area as their next phase. LeClair mentioned the integration of public health and the scheduled presentation from Madison Dane County Public Health at the next meeting. Hoffman included working with Annette as well as the community focus group through MDCPH.

#### ADJOURNMENT

A motion was made by DeMarb, seconded by Shields, to Adjourn. The motion passed by voice vote/other.

Meeting adjourned at 7:15 p.m.