



City of Madison

City of Madison
Madison, WI 53703
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Meeting Minutes - Draft SUSTAINABLE MADISON COMMITTEE

Monday, December 17, 2018

4:30 PM

210 Martin Luther King Jr. Blvd.
City-County Building, Room 357

CALL TO ORDER / ROLL CALL

Chair Shukla called the meeting to order at 4:30 p.m. following verification that the meeting had been properly noticed and a quorum was present.

Staff present: Jeanne Hoffman, Stacie Reece and Karl van Lith.

Present: 17 - David Ahrens; Michael J. Tierney; Jonathan D. Hepner; Rajan V. Shukla; Michael J. Vickerman; Lance E. Green; Sam J. Breidenbach; Richard J. Pearson; Jesse J. Shields; Bradley Campbell; Denise DeMarb; Jeannette E. LeZaks; Maria A. Schletzbaum; Kyla H.S. Beard; Richard A. Heinemann; Joseph M. Ryan and Jessica M. LeClair

Excused: 1 - Samuel J. Dunaiski

APPROVAL OF MINUTES

A motion was made by Vickerman, seconded by DeMarb, to Approve the November Minutes. The motion passed by voice vote/other.

LeClair requested that right before Hoffman discussed RESJI, the minutes state, " LeClair feels that health lens should also be applied and there is consensus around this as well."

PUBLIC COMMENT

None.

DISCLOSURES AND RECUSALS

None.

DISCUSSION ITEM

1. [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](#)

Mike Barnett (HGA) and Josh Arnold (Navigant) went through revisions from first draft of 100% Renewable Madison Report. Ahrens requested a glossary of abbreviations and definitions for the appendix. Green requested Table ES-1 to include the percentage of REC's. LeClair requested Table ES-1 to include the public health cost savings. Campbell requested to provide a baseline comparison to the stated \$18 million in savings. LeZaks requested to include the cost as a percentage of total operating budget in the narrative. Green asked about the assumptions on the increase in pricing. Arnold stated the following: 1.2% for gasoline, 1.3% for diesel, 1.5% for natural gas, and 0.1% for electricity (per annum). Ahrens, LeClair, Campbell, Schletzbaum, DeMarb discussion on using the dollar savings figure from the Local Spotlight – Public Health as the source to quantify health benefits in Table ES-1. Agreement to use the current figure as a placeholder with the possibility to acquire data that are more precise for January meeting as well as acquiring the methodology and reference material for the figure stated. Barnett and Arnold restated the requested changes from discussion.

UPDATES

2. RESJI / Equity Lens for 100% Renewable Energy Plan

Hoffman, Reece and LeClair met with Annette Miller from EQT By Design to explore working together to apply equity lens to the 100% Renewable Madison Report as well as RESJI training for the SMC for future efforts. They also explored collaborating with the Public Health Madison and Dane County community health assessment steering committee with Annette facilitating. Next steps will be to develop a scope of services for the different phases of work. LeClair stated that there is a shift from mitigation to adaption for which the broader community health assessment steering committee could inform our work. Representatives from Public Health Madison and Dane County will be presenting at the January meeting. Discussion on timeline for implementing RESJI Tool before introduction for adoption. DeMarb requested that for the expert to read the report for edits and changes as a first step, and that this is important to have this happen before we move forward.

3. 100% Renewable Energy Resolution Development Working Group

Don Ferber – representing self. He thanked to the consultants for meeting the week prior to provide extra information. He noted that the underlying goal is to reduce CO2 emissions ASAP and although the fastest is through offsets, any CO2 reduction now is worth more than later. He noted that 100 cities have signed on to 100% Renewable goals and he questioned on what we want other cities to emulate. He mentioned that it would helpful if there was a chart that included what the accumulation of CO2 reduction would be each year. He stated the caveat that energy efficiency was low hanging fruit for the City of Madison but not in the community and that we should be looking at cost if MGE was doing this at utility scale. He brought up the concern with the diesel bus purchases although there might be reasons. He asked to look at lifetime costs, health impacts and recommended the implementation of Fare Free Transit

Robert Owen – representing self. He requested that the City of Madison take an approach like the City of Middleton goals by setting goals for the community as a whole 10 years after the City Operations goals. He commented that REC's outside of Dane County are exporting jobs versus having the job creation closer to home. He also questioned the long-term investment of REC's as battery storage will become less expensive. He recommended focusing on local offset sequestration in Dane County farmland. He also questioned the very high rates of return stated in the Report of 17% and stated the looming possibility of CO2 taxes as well. He emphasized the Report's stand on net metering, which make sense under current rate design. He recommended looking into larger projects over 100kw size, Renewable Energy Raider projects under new regime in conjunction with other public entities, large-scale wind projects in Dane County, partnering with the school district and the university and as the economics become more attractive there will be more things to look at. And due to the racial social justice and intergenerational inequities, we need to act now.

Committee discussion on outcomes from working group meeting which discussed that the Resolution language should include a recommendation for adoption of Scenario 3, public health benefits, RESJI lens. Shukla included that the Resolution will also have Council adopt functional areas of the City to start coming up with a plan, integrating members of the SMC, with those members attending meetings to play an active role and guide them to reach these objectives. Reece will send out the draft language Resolution as well as poll to set up next meeting of the working group.

4. Solar Zoning and Permitting Fees and Process Working Group

Vickerman gave background on the working group and how they were initially tasked with investigating where Madison stood in comparison to other communities. It has now morphed into a statewide initiative to look at what constitutes reasonable, uniform, and predictable standards for solar. There will be a stakeholder meeting tomorrow. Hoffman stated that the state statutes cannot say no to solar, and there needs to be a reeducation on this. Hepner asked about green roof elements versus solar. Hoffman answered that it is possible to do both, referenced the Madison Public Library Central. Green asked if the group was talking to developers. Vickerman answered that the solar installers represent developer interests.

5. City/MGE Agreement and Working Group

Hoffman stated that there are two upcoming meetings scheduled between the working group and MGE. They are also looking into EV and the Smart Cities Initiative. Green asked about the Committee on the Environment's agenda item on streetlights. Hoffman answered about the use of streetlight infrastructure to gather more data and traffic engineering is installing LED. DeMarb asked if there was a list somewhere of the work happening for this working group. Heinemann offered to provide an annual status report. Hoffman stated they can talk about this at their next working group meeting.

6. Urban Forestry Task Force

Ahrens shared the task force's plan to increase tree canopy as it related to the City's carbon goals. Arnold pointed to the research outcome of carbon avoided by trees in the Report on page 58. Ahrens followed that the task force will be putting together recommendations in the next few months. DeMarb questioned on if the task force took into consideration phosphorus. Ahrens answered that he would bring it up again at their next meeting. Hepner stated that the number of trees on developments are limited from the Fire Department. Ahrens stated that City Forestry is now part of the design assistance for development.

7. Integrated Pest Management Policy Review Task Force

Green attended the meeting earlier in the day and stated that he was impressed with their work and they are looking at other cities to help craft an IPM strategy. Green noted that many entities at the City of Madison deal with pest management and the task force is looking to integrate sustainability. Green stated the timeline for recommendations on new IPM plans or policies will be finalized February 28, 2019.

DeMarb requested that planning out SMC's work in 2019 should be on the next meeting's agenda.

ADJOURNMENT

Moved by Heinemann, Seconded by Campbell. Meeting adjourned at 6:30 PM.