



City of Madison

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

Meeting Minutes - Approved SUSTAINABLE MADISON COMMITTEE

Monday, March 25, 2019

4:30 PM

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

CALL TO ORDER / ROLL CALL

Chair Shukla called the meeting to order at 4:30 p.m.

Staff present: Jeanne Hoffman and Karl van Lith

Present: 12 - Jonathan D. Hepner; Rajan V. Shukla; Michael J. Vickerman; Lance E. Green; Sam J. Breidenbach; Richard J. Pearson; Denise DeMarb; Kyla H.S. Beard; Richard A. Heinemann; Samuel J. Dunaiski; Joseph M. Ryan and Jessica M. LeClair

Excused: 6 - David Ahrens; Michael J. Tierney; Jesse J. Shields; Bradley Campbell; Jeannette E. LeZaks and Maria A. Schletzbaum

APPROVAL OF MINUTES

A motion was made by Green, seconded by Dunaiski, to Approve the Minutes.
The motion passed by voice vote/other.

PUBLIC COMMENT

None.

DISCLOSURES AND RECUSALS

None.

PRESENTATIONS

1. [55125](#) Urban Heat Island Research.

Attachments: [Madison-Sustainability-UHI-March-2019.pdf](#)

Presentation by Chris Kucharik, Chair of the Agronomy Department UW-Madison. Related information collected through 150 sensors gathering heat and humidity information every 15 minutes since March of 2012 about the city' Urban Heat Island Effect (UHI). UHI contributes to a typical 2-10F temperature increase within the urban service area of Madison and has impact on human health. Impervious surface seems to be an important driver of the UHI and tree canopy one of its mitigators. Kucharik stated that hospital admissions seem to go up 4% during heat events. Green asked what other cities are doing to mitigate heat impacts. Green roofs, tree cover seem to be most used. DeMarb noted that she felt there is not current policy link between City Planning and health impacts. Kucharik stated that he would like to integrate more public health impacts of UHI and integrate health data with UHI. Heat deaths are the number cause of weather related impact in cities.

2. [55126](#) Air Quality-Related Public Health Benefits of 100% Renewable Madison.

Attachments: [Air Quality Related Public Health Benefits of 100RE 2019-03-20.pptx](#)

Air Quality-Related Public Health Benefits of 100% Renewable Madison. David Abel Post Doc with COWS at the UW presented information on the co-benefits of emission reductions on particulate matter in the air. He studied the various versions of the Energy Plan and projected the particulate matter output of the various scenarios. He predicted that lowering emissions is likely to reduce 1 death every 1-2 years. Green asked if the data was regionally based or locally based. Abel says impacts are local and he did use factors from the EPA. Able felt RECs done within a 100 mile radius were best for impacting local results.

DISCUSSION ITEMS

3. [54139](#) Update: RESJI / Equity Lens for 100% Renewable Energy Plan

Attachments: [EQT 100 Percent Renew Plan Initial Draft Feb 25 2019 SMC Outline.pdf](#)
[EQT 100 Percent Renew Report RESJI Assess Mar 2019 \(1\).pdf](#)

Annette Miller presented her draft review of the Equity Impacts of the Energy Plan. She focused her analysis on the last page of Opportunities / Next Steps. Her main feedback was that the Plan focused on City operations—saving the City money—and not on the impacts on the community. She feels that a work group should be developed, along with the other SMC work groups, which will be made up of a diverse group of community members. They would help create a dashboard that has meaning for the community and that could help prioritize projects that have the most important impact on them. Green asked how that group could impact engagement within the city and how to best use them for prioritizing projects. Miller felt they would prioritize projects based on the impact on the most vulnerable residents. Shukla felt Miller could create a good framework for implementation of the various aspects of the Energy Plan and that community engagement could be filtered initially through the equity work group.

4. [55127](#) City/MGE Agreement and Working Group.

Jeanne gave a brief update on the various meetings and progress including, benchmarking

5. [55128](#) MGE Renewable Energy Rider Update

Jeanne gave an update – contracts with Gary Price and Boardman are complete. The NDA will be approved by council on April 16th.

6. [55129](#) 5 REC Project Update.

Attachments: [5 REC Project Update.pptx](#)

Jeanne showed images of the project

7. [55130](#) 2019 SMC Planning

Attachments: [SMC Ideas for 2019.pdf](#)
[SMC 2019 Planning.pdf](#)
[Cap Bdgt Overview-SMC.pdf](#)

It was decided that majority the April meeting will be dedicated to 2019 planning and budgeting. Staff will give a primer on budget process.

ADJOURNMENT

Meeting adjourned at 6:30 p.m.