



City of Madison

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

Agenda - Approved

SUSTAINABLE MADISON COMMITTEE

Monday, August 21, 2017

4:30 PM

210 Martin Luther King, Jr. Blvd.
City-County Building, Room 351

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Yog tias koj xav tau ib tug neeg txhais lus, ib tug neeg txhais ntawv, cov ntaub ntawv ua lwm yam los sis lwm cov kev pab kom siv tau qhov kev pab, kev ua num los sis kev pab cuam no, thov hu rau tus xov tooj hauv qab no tam sim no.

CALL TO ORDER / ROLL CALL

APPROVAL OF MINUTES

PUBLIC COMMENT

Limited to three (3) minutes.

DISCLOSURES AND RECUSALS

Members of the body should make any required disclosures or recusals under the City's Ethics Code.

ITEMS REFERRED BY THE COMMON COUNCIL

1. [47645](#) SUBSTITUTE Approval of Collaboration Memorandum of Understanding between the City of Madison and Madison Gas and Electric.
Attachments: [Sustainable Madison Committee Testimony.pdf](#)
[Updated MOU- CLean \(A2838986x9DEB4\).pdf](#)
[Updated MOU \(A2848383x9DEB4\).pdf](#)
[Ver 1 - 47645.pdf](#)
[MOU re Public Utility Regulations.pdf](#)

NEW BUSINESS

2. [48441](#) Introduction and Presentation by Sustainable Engineering Group - 100% Renewable Energy Zero Net Carbon Goal.

Attachments: [RenewableEnergy.pdf](#)
[City of Madison Renewables Kick Off SMC Meeting August 2017.pdf](#)

ANNOUNCEMENTS

Reminder: September's meeting will be on the 4th Monday of the Month – September 25th at 4:30pm

ADJOURNMENT



Department of Energy No-Low Emissions Bus Grant Opportunity

Madison Metro Transit; Mr. Chuck Kamp
City of Madison; Ms. Anne Monks, Ms. Katie Crawley, Mr. David Schmiedicke
MGE; Donald Peterson, Cari Anne Renlund, Scott Schmitt

June 19, 2017

AGENDA

Goal: Develop plan to resolve personnel and funding issues to allow Madison Metro and MGE to partner on a No/Low Emissions Grant to obtain 5 Electric Buses for the Madison Metro fleet.

1. Introductions *(this Thursday)*
2. City of Madison/MGE Collaboration
 - a. City Energy Work Plan
 - b. City of Madison/MGE MOU and Collaboration goals
 - c. Carbon Reduction and Electric Vehicles are top priorities
 - d. Relationships*
3. NO-Low Emissions Buses – Grant Opportunity
 - a. Summary of No-Low Grant
 - i. Deadlines
 - ii. Grant requirements
 - b. Summary of proposed project
 - i. City contribution
 - ii. MGE contribution
 - iii. Bus partner
 - c. Estimated costs, projected savings and carbon emissions reductions
4. Remaining Issues for Resolution
 - a. FTE for Madison Metro
 - b. Funding for FTE for Madison Metro
 - c. Others

Madison's Energy Plan – Simplified by RPM

Background

The Sustainable Madison Committee put together an energy plan at the request of the Common Council in order to help Madison reach its clean energy goals. Madison's Common Council will vote on this plan at its meeting on June 7th.

Preexisting Goals from Sustainability Plan

- 80% carbon reduction by 2050
- 25% of electricity, heating, and transportation energy from clean energy by 2025
- Reduce overall energy consumption by 50% by 2030

Key Elements of Madison's Energy Plan

1. Creating a working group to review the city's climate change goals.
2. Creating permanent, dedicated staff resources in city government to focus on energy issues and implement the plan.
3. Supporting regional initiatives related to climate change.
4. Promoting existing city programs related to energy efficiency and renewable energy.
5. Establishing a city-wide Property Assessed Clean Energy (PACE) program.
6. Ensuring implementation of 2015 benchmarking resolution, which allows energy usage trends to be identified and improved.
7. Developing an inventory of city-owned property suitable for solar development.
8. Increasing the city's green sector economic development efforts.
9. Studying the feasibility of developing an internal sustainability fund based on city-operations.
10. Solidifying efforts to work collaboratively with MGE, including development of an agreement that can serve as a framework for ongoing collaboration between MGE and the city.

RePower Madison produced this summary. You can view the full text of the plan online.



**MGE AND CITY OF MADISON
AREAS OF COMMON INTEREST WITH HIGH
POTENTIAL FOR CONSTRUCTIVE
COLLABORATION¹
(UPDATED for 01/24/17)**

A. Expansion of Solar

Possible ideas include, as examples:

- Identify ways to jointly help promote MGE customer sign up for Middleton Shared Solar Project
- Pursue Shared Solar Project in the City of Madison (assuming suitable no cost / low cost site, workable economics, strong customer interest and PSC approval)
- Investigate utility scale solar options in Madison or the region
- Investigate solar on metro bus barn as a way to explore / develop workable business model for MGE to invest in solar projects on City property
- Develop pilot project to explore potential of pairing solar with storage technologies
- Explore ways to grow solar outdoor lighting program (if tariff approved by PSC)

B. Expanded Use of EVs

Possible ideas include as follows:

- Identify cost-effective ways to expand/upgrade charging infrastructure
- Investigate opportunities for discounted or group buy programs for EVs
- Explore ways to expand electrification of fleets (e.g. – City vehicles, metro buses, etc.)
- Examine City policies / practices that could promote / incent EVs
- Explore possible demonstration project coupling EVs and storage potential, perhaps with solar
- Investigate possible electric transit system options

C. Promote Energy Efficiency

Possible ideas include as examples:

- Examine current energy efficiency activities and explore ways to potentially enhance marketing, information distribution, especially in targeted areas

¹ Agreed upon purpose of this engagement process is to identify topics of common, mutual interest in order to work towards reaching agreement on actions or ideas for constructive collaboration that can advance MGE Energy 2030 and the City of Madison 2016 Energy Work Plan. Some overarching conditions of entering into an agreement include; that the agreement will be mutual in nature (contain commitments and obligations from both parties) and that the goals and general elements of MGE's Energy 2030 Framework will be supported.

- Explore how aggregated electric usage data can be used to help identify opportunities to better promote / market FOE programs
- Help promote voluntary benchmarking ordinance participation
 - Work to address concern raised regarding City being the repository of the data
 - Help develop enhanced marketing program once program is better defined
- Develop ideas for potential pilot or demonstration projects promoting energy efficiency for benefit of lower income populations
- Explore potential MGE investment opportunity for expanded use of LED street lighting
- Explore opportunities to incentivize energy efficiency for Multi-Family Housing.

D. Social Equity and Economic Development Topics

Possible ideas include as examples:

- Explore ways to enhance promotion of FOE programs to low income beneficiaries
- Examine MGE Economic Development activities and identify potential ways they do / can help create jobs, promote infill and reduce GHG emissions
- Jointly develop ways to promote Large User Renewable Rider (if approved by PSC)
- Consider investments and/or demonstration projects and opportunities that include a social equity, education and / or economic development component (for example, public libraries, Garner Feed Mill, City Market, lighting in parks, other public locations, etc.)

E. Transportation Topics

Possible ideas include as examples:

- In addition to expanding EVs ideas above, explore other ways to address GHG emissions from the transportation sector
- Cows & seaweed.*

F. Current (or recent) Voluntary Collaborative Activities Between MGE and City

- Identify recent collaborative activities / efforts and where appropriate, document results
- Identify current collaborative efforts and, where appropriate, describe scope and continuing activities or commitments