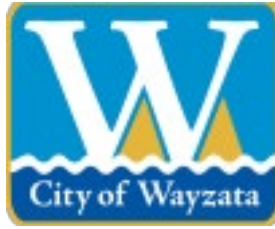


ENERGY AND ENVIRONMENT COMMITTEE

Tuesday, July 7, 2026 5:30 PM – 7:00 PM

**Wayzata City Hall
600 Rice Street East
Wayzata, MN 55391**

1. Roll Call
2. Approve Agenda
3. Approve June 23, 2026 Meeting Minutes
4. All Electric Event Planning – Saturday, July 18
5. City Council Workshop Discussion - Tuesday, July 21
6. Next Meeting – Tuesday, August 25
7. Adjournment



ENERGY AND ENVIRONMENT COMMITTEE
Meeting Minutes
Tuesday, June 23, 5:30 PM – 7:00 PM

1. Roll Call

Committee Attendees: Chair Lauren Lindelof, Meaghan Yorro, Dr. Ed Chute, and Cam Bentrott.

Wayzata City Staff Member: Nick Kieser, Parks and Environment Planner

2. Approve Agenda

Motion to approve agenda, first by Chute, seconded by Bentrott. Motion passed 3-0.

3. Approve May 26, 2026 Meeting Minutes

Motion to approve minutes, first by Lindelof and seconded by Bentrott. Motion passed 3-0.

4. All-Electric Event Planning – Saturday, July 18

The Committee discussed and finalized planning details for the All-Electric Event, which will be held on Saturday, July 18, from 12:00 p.m. to 2:30 p.m.

Committee members identified several electric vehicles that will be available for display, including a Rivian owned by Yorro and multiple Teslas owned by other members. The Committee also discussed incorporating educational information on hybrid vehicles, including their advantages and disadvantages. Potential speakers may provide an overview of the different types of hybrid vehicles and explain how they compare to fully electric vehicles. Electric vehicle owners may also share their personal experiences, including addressing common concerns such as range anxiety and charging during long-distance travel.

The event will feature a Duffy electric boat at the Broadway docks. The Committee discussed the possibility of displaying two additional electric boats or jet skis, which would require reserving up to three dock slips. Lindelof is working to obtain a display illustrating the difference in water quality after 10 hours of operation between a gasoline-powered

boat motor and an electric boat motor. The Committee expressed enthusiasm for showcasing electric watercraft and discussing opportunities to expand the use of electric boats on Lake Minnetonka.

Lindelof has also tried contacting a vendor regarding the potential display of robotic lawn mowers.

Committee members will bring a variety of electric lawn and yard equipment for display. Staff will inventory available electric yard equipment owned by the City to supplement the displays. The Committee agreed that showcasing equipment from multiple manufacturers would provide attendees with a broader perspective on available options. Hand tools may also be displayed; however, batteries will be removed from the equipment for safety purposes.

The Committee also discussed potential future improvements to City infrastructure that could support the increased use of electric boats at the marina and public docks.

5. Resilience Plan Discussion

Staff informed the Committee that it is scheduled to present at the July 21 City Council workshop to discuss the proposed municipal electric vehicle (EV) infrastructure initiative, the Dark Sky initiative, or both. Staff will confirm the amount of time allocated for the Committee's presentation and discussion. If the workshop agenda does not allow sufficient time to adequately address both topics, the initiatives may need to be presented at separate workshop meetings. The Committee expressed a preference for approximately 30 minutes of discussion for each topic.

The Committee discussed the proposed workshop agenda items in greater detail and agreed that additional discussion and preparation should occur prior to the July 21 workshop.

Lindelof noted that the Sustainability Champion Award webpage should be updated to reflect the 2026 award cycle and to recognize Folkestone as the 2025 Sustainability Champion Award recipient. The Committee discussed opening nominations for the 2026 award beginning in September. Staff will update the webpage accordingly.

6. Next Meeting – Tuesday, July 7

The Committee approved rescheduling the next Committee meeting from July 28 to July 7 to be able to discuss the All-Electric Event along with the Council workshop.

8. Adjournment

Motion to adjourn, first by Yorro, seconded by Chute. Motion passed unanimously.

Wayzata Energy and Environment Committee

2026 Schedule for Taking Meeting Minutes

Date	Committee Member
January 27	Staff
February 26	Ferri
March 31	Yorro
April 28	Chute
May 26	Lindelof
June 23	Ferri
July 28	Yorro
August 25	Chute
September 22	Bentrott
October 27	Lindelof
November 24	Ferri

DarkSky Initiative – City Council Workshop

The DarkSky movement is an international conservation initiative dedicated to reducing light pollution through responsible outdoor lighting practices. By promoting properly shielded, downward-directed lighting, the initiative seeks to protect wildlife and ecosystems, reduce energy consumption, preserve views of the night sky, and improve the quality of outdoor nighttime environments. Attached are examples illustrating the recommended exterior lighting practices associated with the DarkSky program.

The Energy and Environment Committee has identified DarkSky initiatives as a priority within its work plan. In September 2025, the Committee hosted a DarkSky educational event that was one of the most well-attended programs the Committee has organized. Building on that community interest, the Committee has identified several potential projects that would further advance DarkSky principles and help the City move toward achieving DarkSky objectives.

The Committee requests City Council direction on the following initiatives.

1. Update City Code for New Development

The Committee recommends exploring amendments to the City Code that would establish outdoor lighting standards for new development and redevelopment projects.

According to DarkSky, establishing quality standards for outdoor lighting is an effective way to protect community character, improve nighttime visibility and safety, reduce energy use, and minimize the negative impacts of light pollution. Several communities, including Plymouth and Bloomington, have already adopted DarkSky-compatible lighting standards. In addition, DarkSky is currently developing model ordinance language that communities can adapt to their local regulations which Wayzata can review once published.

The Committee proposes working with City staff to review available model language, evaluate existing City lighting standards, and identify potential code amendments for Council consideration.

2. Convert Klapprich Park Field Lighting

The Committee also recommends exploring the conversion of the Klapprich Park athletic field lighting to DarkSky-compliant LED fixtures.

This concept was initially discussed during the construction of the Klapprich Park improvements. The contractor that installed the existing field lighting, Musco Lighting, was contacted to evaluate the feasibility of converting the current metal halide lighting system to LED fixtures designed to reduce light spill and improve lighting efficiency.

The preliminary cost estimate for the conversion is approximately \$153,500–\$163,500 (attached). As part of the project, DarkSky representatives would review the lighting design and conduct on-site measurements to verify compliance with DarkSky lighting standards.

In addition to improving the athletic field lighting, the project could also incorporate new lighting for the recently constructed parking lot and playground, providing a comprehensive lighting upgrade for the park and significantly reduce light spill from the park. An example of a similar DarkSky-compliant athletic field lighting project is included in the attachments.

3. Evaluate DarkSky-Compliant Public Lighting

The Committee is interested in evaluating opportunities to incorporate DarkSky-compliant lighting into other public infrastructure throughout the City, including streetlights, parking lots, parks, and other public facilities.

One potential approach would be to establish a City policy that, whenever public lighting fixtures are replaced or upgraded, staff evaluate the feasibility of installing DarkSky-compliant fixtures. This would allow the City to transition to improved lighting over time as infrastructure reaches the end of its service life.

The Committee is also interested in identifying a pilot location that could serve as a demonstration project to illustrate the visual and operational benefits of DarkSky-compliant lighting and help inform future lighting replacement projects. **An example rendering of potential lighting improvements along Lake Street is attached for reference.**

Requested Council Direction

The Energy and Environment Committee requests City Council feedback regarding which of these initiatives the Council supports for further evaluation and development during the upcoming year.

Todd Burlett, a representative of DarkSky, will be present at the workshop to provide additional information about the program and answer any questions from the Council.

Musco Sports Lighting: Budget Estimate

**Klapprich Park
Wayzata, MN
247122
August 2025**

Thank you for the opportunity to discuss Musco's Light-Structure Retrofit System with TLC for LED™ Total Light Control technology and the benefits it will bring to your softball field and hockey rink at Klapprich Park. We are excited to offer this innovative system and are confident you will see the value for many years to come.

This estimate includes Musco's Light-Structure Retrofit System with TLC for LED™ along with estimated installation costs. This system includes TLC for LED™ light fixtures, pole length wire harnesses, and electrical components enclosures. This system also comes with a 25 year warranty, including all maintenance. The 25 year warranty is contingent upon Musco's inspection and approval of existing structure and electrical wiring.

Benefits of Musco's Light-Structure Retrofit System with TLC for LED™

- Softball field: guaranteed light levels of 30 footcandles on the infield and 20 footcandles on the outfield
- Hockey rink: guaranteed light levels of 25 footcandles
- Reduction of spill light and glare by 50% or more
- Reduction of energy and maintenance costs by up to 85% over typical 1500w HID equipment
- Product assurance and warranty program that includes materials and onsite labor, eliminating 100% of your maintenance costs for 25 years - Contingent upon Musco's inspection and approval of existing structure and electrical wiring
- Control-Link® System for remote on/off control and performance monitoring with 24/7 customer support

Estimated Project Cost: Materials and Estimated Installation

Softball Field & Hockey Rink..... \$153,500- \$163,500

Pricing is based on 2025 pricing and is subject to change.

This **estimate** includes anticipated equipment and installation costs. It does not include the cost of a new electrical transformer. Thank you for the trust you have placed in Musco Lighting. Please feel free to contact me with any questions you may have.

Brock Carstens
Sales Representative
Musco Sports Lighting
Cell: (952)-529-8281
Email: brock.carstens@musco.com



Five Lighting Principles for Responsible Outdoor Lighting



Responsible outdoor lighting is

1 Useful

Use light only if it is needed

All light should have a clear purpose. Consider how the use of light will impact the area, including wildlife and their habitats.



2 Targeted

Direct light so it falls only where it is needed

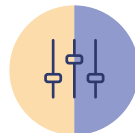
Use shielding and careful aiming to target the direction of the light beam so that it points downward and does not spill beyond where it is needed.



3 Low Level

Light should be no brighter than necessary

Use the lowest light level required. Be mindful of surface conditions, as some surfaces may reflect more light into the night sky than intended.



4 Controlled

Use light only when it is needed

Use controls such as timers or motion detectors to ensure that light is available when it is needed, dimmed when possible, and turned off when not needed.



5 Warm-colored

Use warmer color lights where possible

Limit the amount of shorter wavelength (blue-violet) light to the least amount needed.



**NIGHT SKY BLOTTED OUT
BY LIGHT POLLUTION**

VISIBLE NIGHT SKY



UNACCEPTABLE

VERY BAD

BAD

BETTER
Fully shielded

BEST
Timer / motion sensor

