

**SUN PRAIRIE PUBLIC LIBRARY—FACILITIES COMMITTEE**  
**MEETING MINUTES**  
**Thursday, September 8, 2022**  
**4:30pm**  
**Library Community Room**

1. Call to Order, Roll Call
  - a. Steve Stocker called the meeting to order at 4:35 pm.
  - b. Present: Steve Stocker, April Brazier, Mark Chin
  - c. Absent: None
  - d. Also present: Svetha Hetzler, Sarah Michaelis, Scott Semroc-City of Sun Prairie Sustainability Coordinator, Maddie Koolbeck from Slipstream, Mary Bell (5:33pm), Rex Owens (5:39pm)
  
2. Approval of minutes
  - a. **MOTION: To approve the December 9, 2021 minutes**
  - b. Chin (1); Brazier (2); motion passed
  
3. Citizen Appearances/Public Comment
  - a. None
  
4. Unfinished Business- None
  
5. New Business
  - a. Consideration, Discussion and Possible Action on Microgrid Feasibility Study (Scott Semroc, City of Sun Prairie Sustainability Coordinator & Slipstream)
    - i. Scott Semroc and Maddie Koolbeck from Slipstream presented on the Microgrid Feasibility Study.
    - ii. Sun Prairie applied for a \$45,000 grant through the Wisconsin Office of Energy & Innovation to understand how microgrid can work into the library renovation to become the first Community Resiliency Center in the city.
    - iii. Recommendations:
      1. Prioritize a battery system that can bridge a 24-hour outage for critical loads at minimum
        - a. 26 kW with 128 kW battery energy storage system for roughly \$80,000
        - b. 128 kW solar for roughly \$225,000 (slightly larger than probable cost)
      2. Evaluate options for an all-electric HVAC solution
      3. Consider the resiliency and carbon benefits of microgrid/CRC
      4. Pursue potential grant funding options (WI OEI, US DOE)
    - iv. Building recommendations:
      1. Include energy efficiency in library renovation
        - a. Lighting
        - b. HVAC System

- c. Plug load control
- d. Small embedded data center
2. Utilize microgrid ready design for a phased installation approach
  - a. Consider location for future battery (inside or outside)
  - b. Install compatible inverters on Solar PV

**V. MOTION: To recommend to the Library Board the following:  
Prioritize a battery system that can bridge a 24-hour outage for  
critical loads at minimum:**

- 26 kW with 128 kW battery energy storage system for roughly \$80,000
  - 128 kW solar for roughly \$225,000 (slightly larger than probable cost)
3. Chin (1); Brazier (2); motion passed.

6. Referrals
  - a. None

7. Adjournment
  - a. **MOTION: to adjourn the meeting at 5:51 pm.**
  - b. Brazier (1); Chin (2); motion passed.

Submitted by: Sarah Michaelis, Administrative and Project Librarian

Steve Stocker, Chair

A handwritten signature in cursive script that reads "Steve Stocker". The signature is written in black ink and is positioned above a horizontal line.