



**Position Title:** Facility Sustainability Technician

**Position Service Site:** Dane County, WI

**Service Time:** March 4, 2024– August 16, 2024 (900 Hour AmeriCorps term, 24 Weeks, 40 Hours/Week)

**Benefits:** Living stipend total for whole term = \$12,000 (\$500 per week), Education Award of approximately \$3,600 upon successful completion of service. To find out more about the Award: <https://americorps.gov/members-volunteers/segal-ameri-corps-education-award/find-out-more>

**OVERVIEW:** Dane County is the second-largest county in the State of Wisconsin and is the home of the State Capital in the county's largest city, Madison, WI. Numerous services are provided through Dane County government that protect and benefit the residents and resources within Dane County. Many of these important government services are provided in facilities across Dane County that have recently been studied and bench-marked for building performance and efficiency. In partnership with the Dane County Office of Energy and Climate Change, Dane County Facilities Management continues to be aggressive in our efforts to green our operations and to facilitate broader climate action throughout Dane County. Dane County Facilities Management is the steward of multiple County buildings and we are focused on operating sustainable mechanical and building systems that put our facilities, fleet and land operations on track to be carbon neutral by 2030.

**SERVICE DESCRIPTION:** The Dane County Facility Sustainability Technician will aid Dane County Facilities Management in reducing carbon emissions via a variety of hands-on projects including (but not limited to) converting fluorescent lighting to energy-efficient LED fixtures at multiple County facilities and maintaining solar PV installations at multiple County sites. The Facility Sustainability Technician will support Dane County's commitment to reducing carbon emissions by assisting the Dane County Office of Energy and Climate Change in developing dashboard-style education for both county staff and the community that highlights Dane County's progress toward its climate goals.

The Facility Sustainability Technician will receive industry level training while working on lighting retrofits, conducting energy surveys and maintaining solar panel installations and will be trained/certified in:

- Comprehensive understanding of Dane County Climate Action Plan
- Comprehensive understanding of the Dane County Facilities Energy Audit Report
- Working with Electricity training course
- Basic Photovoltaics (PV101) training course
- OSHA 30 Certification
- Facility-level energy use tracking and benchmarking

**RESPONSIBILITIES:**

- Installing LED lighting upgrades
- Assisting with solar system trouble-shooting and maintenance
- Maintaining a publicly-accessible dashboard for the display of solar production data
- Assisting with energy use tracking and benchmarking activities
- Assist with native seed collection activities and turf to prairie conversions

**QUALIFICATIONS:**

- Minimum age requirement is 18 years old
- Ability to work independently
- Understanding of or willingness to learn about electrical, mechanical and photovoltaic systems
- Possess a valid driver's license
- Ability to perform the essential duties of the position with or without reasonable accommodation
- Ability to multitask and shift schedule and priorities to meet changing conditions
- Ability to read, write, and interpret building blueprints, related schematics and diagrams
- Ability to be safety conscious at all times regarding physical activity (lifting, moving, etc.) and the safety of others
- Ability to perform basic math functions including but not limited to addition, subtraction, multiplication, and division
- Ability to reason and carry out instructions furnished in written, oral, or diagrammatic form
- Ability to communicate effectively both verbally and in writing with members of the public, other County employees, and elected officials
- Ability to make independent decisions, to follow instructions, to accept constructive criticism and the ability to project a positive image of Facilities Management staff to customers
- Ability to work around others and with other employees as a team member
- Understanding of how to operate ladders, staging, swing scaffolds, and the willingness to learn how to operate these types of equipment safely
- Ability to be active for the entire shift (standing, walking, stooping, twisting, lifting, bending, pushing, reaching, climbing, crawling, and crouching)
- Must be able to lift 50 pounds unassisted and heavier loads with assistance
- Must have the ability to use hands/feet for repetitive single grasping, fine manipulation, pushing and pulling and operating controls and equipment
- Willingness to work in all areas of the County and is therefore subject to a wide variety of conditions that will change daily
- Upon hire, a criminal background check will be conducted. Service with WisCorps will be considered probationary until all results are returned and have been reviewed

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