

FARMING THE SUN IN NORTHEAST LOWER MICHIGAN: A PROPOSAL FOR A 6-ACRE SOLAR ARRAY

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ALPENA
COMMUNITY COLLEGE

ACC has received full funding from Michigan Public Service Commission Energy Infrastructure Enhancement and Development Grant, for the installation of renewable energy and electrification infrastructure with providing a solar learning laboratory to complement and enhance existing renewable energy programs offered at ACC.

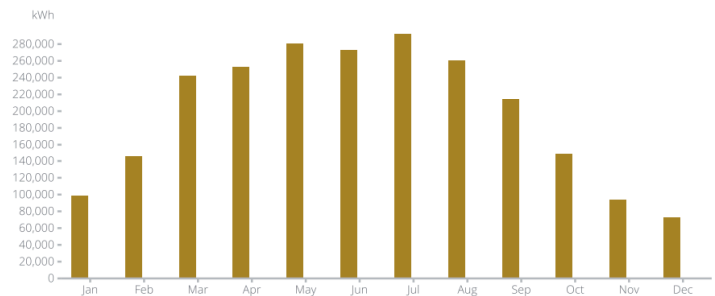


The Solar Array will be installed north of Lumberjack Meadows Disc Golf Course (3249 Woodward Ave)

MI Healthy Climate Plan & aligned Proposal Goals

1. Commit to Environmental Justice & Pursue a Just Transition
2. Clean the Electric Grid
3. Repair and Decarbonize Homes and Businesses
4. Drive Clean Innovation in Industry
5. Protect Michigan's Air, Land, and Water

Energy Production



Will produce enough energy to offset ACC's usage, based on current ACC campus footprint and usage.

Community Impact

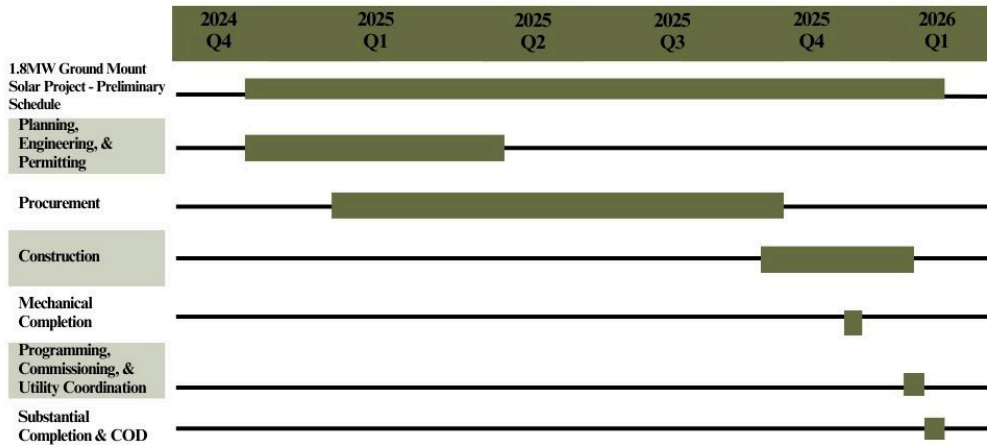
- Access to a statewide leader in education and workforce training supporting the electrical utility sector that offers 1 year certificate through 4 year degree programs with outstanding opportunities and outcomes for students.
- Innovative and proactive engagement in developing quality training and workforce development opportunities in high demand fields.
- Regional boost towards State and Federal goals for renewable energy including decarbonization.

14 Month Project

Including:

Assessments,
Collaboration on
Zoning Requirements,
Land Preparations,
Competitive Bid
Procurement,
Installation, &
Enhancements to
Curriculum

Proposal Timeline



Budget Proposal

Personnel Expenses (\approx \$637,000)

- Project Director, Technical Assistant, Electrical Systems Technology Instructor

Administrative Supplies (\approx \$2,000, $<.05\%$)

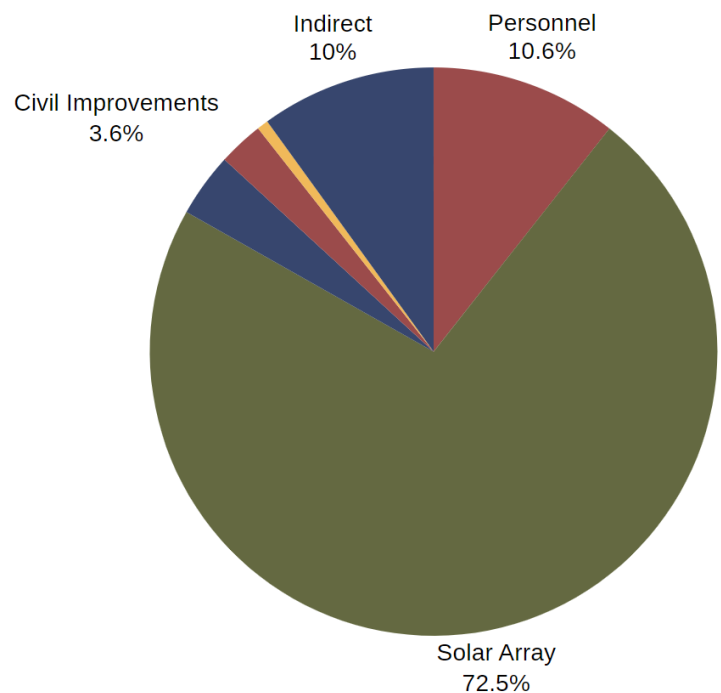
Solar Array (\approx \$3,382,000)

Civil Improvements (\approx \$169,000)

Alpena Power Company Instrustruture (\approx \$120,000, $<3\%$)

Permits and Zoning (\approx \$30,000, $<1\%$)

Indirect (\approx \$460,000)



All costs are estimates; all services will be competitively bid following ACC's Procurement Policy upon receipt of award.

