



Civil & Environmental
Consultants, Inc.

800 Mogadore Road Community Solar Kent City Council

July 1, 2026

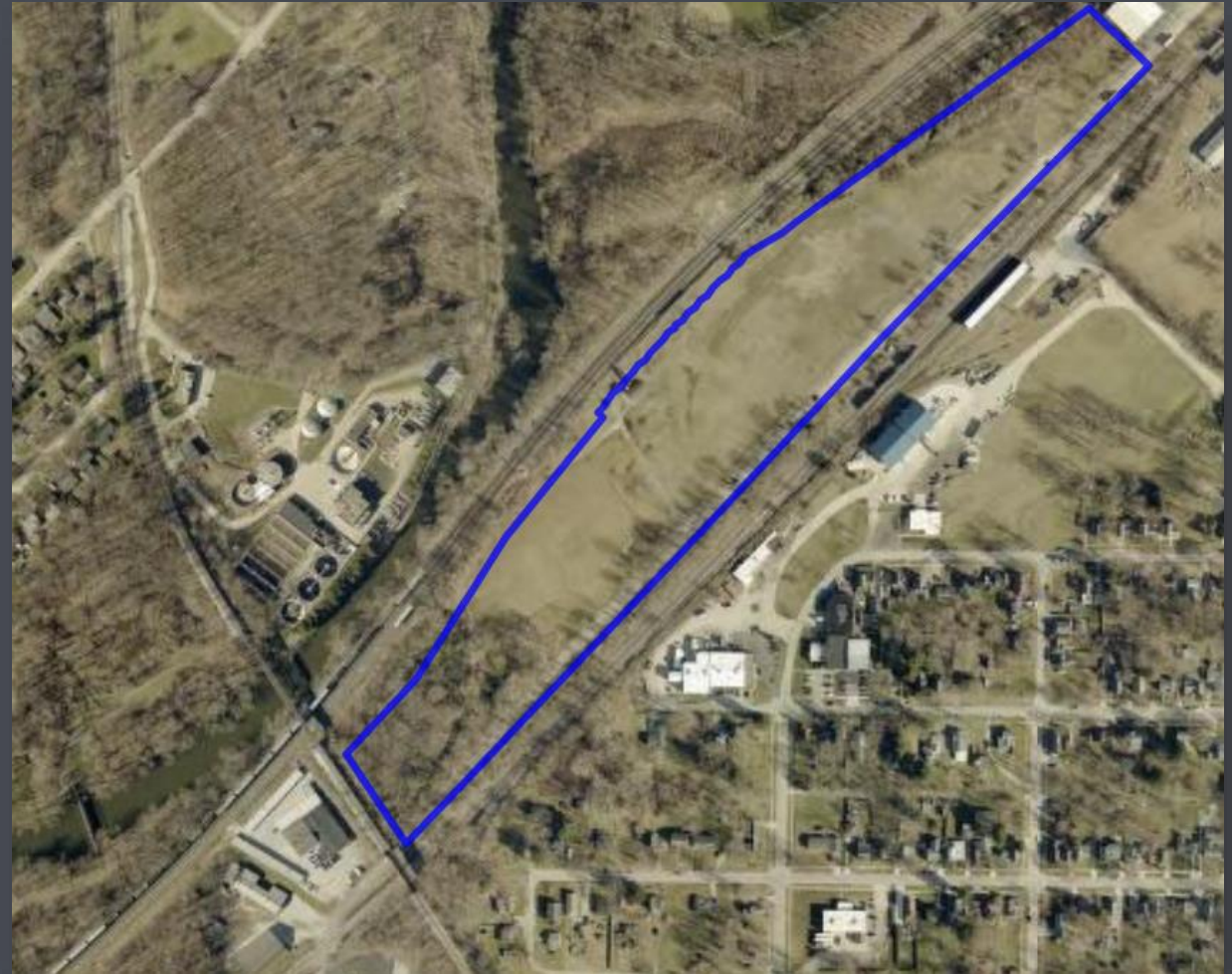
Executive Summary

- Site is physically feasible for solar (~3.5 MW)
 - WWTP demand is ~1.7 MW
- Current Ohio rules limit project approach
- Economics depend on interconnection + off-taker
- Future legislation could materially change outlook
- Council decision : what are the project drivers

Project Overview

Evaluated solar feasibility and delivery

- Key factors:
 - interconnection
 - economics
 - Federal Investment Tax Credit expires



Current Interconnection Options

- PURPA: guaranteed interconnection
- Wholesale pricing (~\$0.03–\$0.06/kWh)
- HB 15 Net Metering: requires off-taker behind meter
 - >700,000 kWh per year
- Physical connection required

Primary Constraint: Off-Taker

- Net metering requires nearby large user
- Properties must be physically connected
- WWTP potential candidate
- Needs easements + engineering



Future Legislative Options

- Community Energy (HB 303 / SB 231)
 - Allows multiple participants, none greater than 30%
- Virtual Net Metering (SB 298)
 - Allows aggregation across facilities

Project Cost

- Base estimate: ~\$9.3M
- Range: \$6.5M–\$14M
- 30% design-level accuracy
- High dependence on final scope



Tax Credit Considerations

- To Safe Harbor this project, construction needs to be completed by end of 2027
- New administration could renew ITC in 2028
- As energy prices increase reliance on the ITC becomes less important, but for small projects like this it will still likely be needed in some fashion for the project to pencil



Comparison of Pathways

Path	Feasibility	Control	Timing	Risk
Net metering	Conditional	Moderate	Near-term	Medium
PURPA	High (technical)	Low	Near-term	Low return
Future legislation	High (if passed)	High	Unknown	High uncertainty

Options

- Proceed under current constraints
 - Reduced solar design to match WWTP demand - reduced cost
 - Examine use of easement for interconnect
 - Target invitation to bid in 2026 & construction in 2027
 - Complete construction by end of 2027 for ITC benefits
- Wait for legislation before developing remaining solar
 - State → SB 298 and Community Energy
 - Federal → renewal of ITC
- Limited due diligence / continued design progress

