



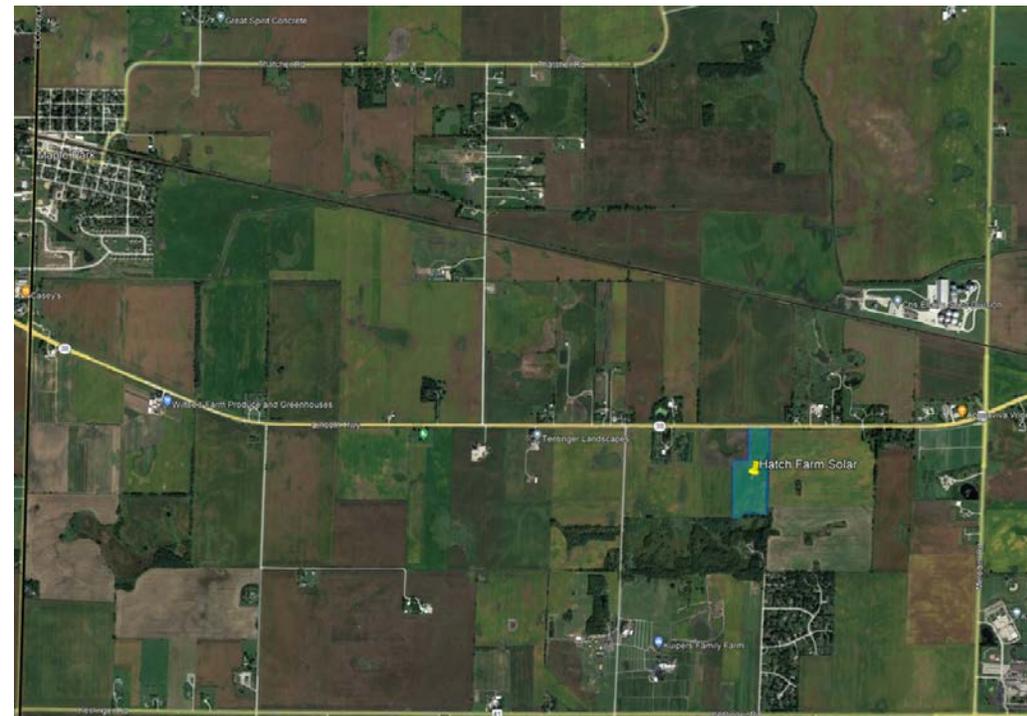
# Hatch Farm Solar Project

Kane County Zoning Board of Appeals

October 10<sup>th</sup>, 2023

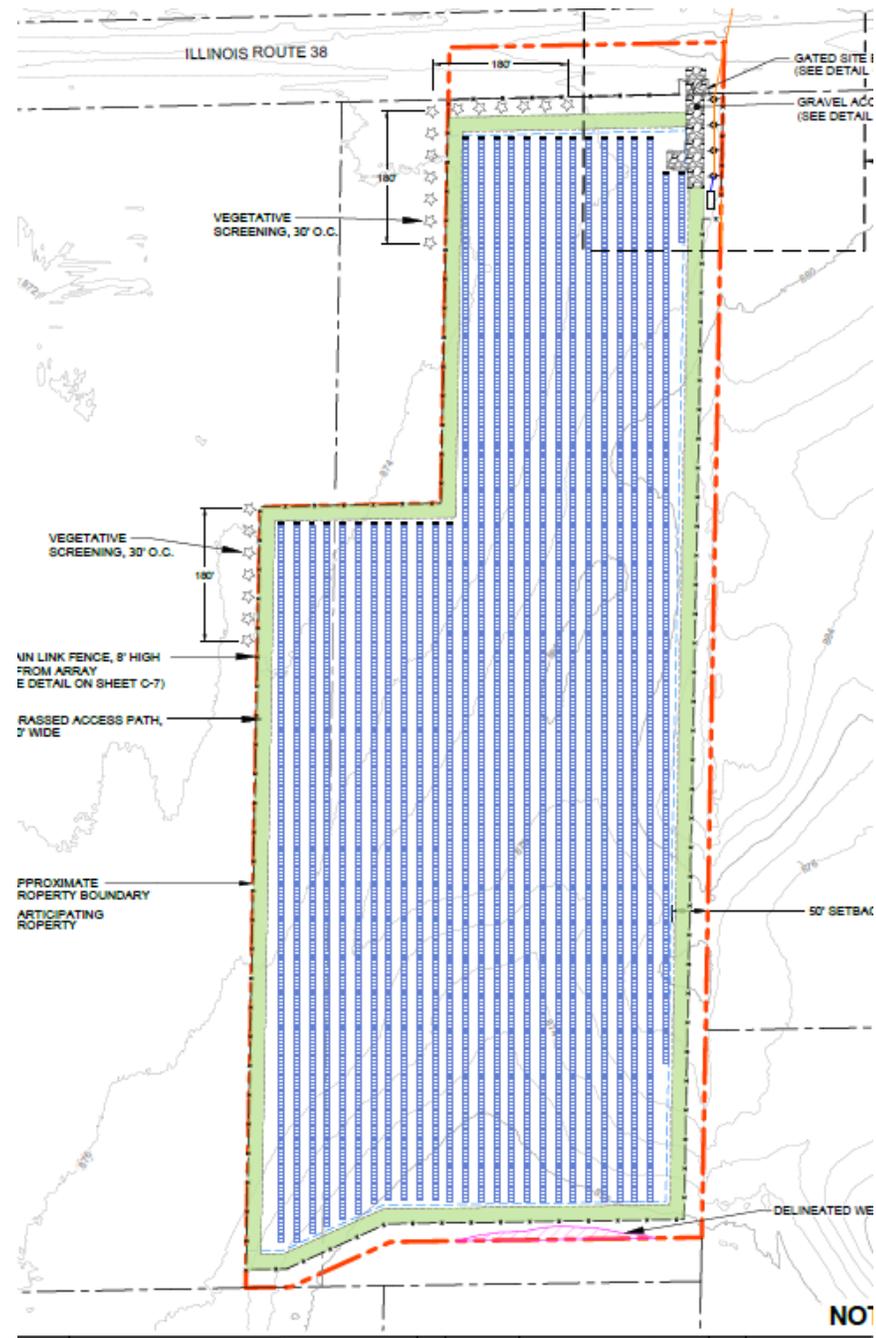
# Hatch Farm Solar - Overview

- 2.5 MWac community solar project
- ~48W525 IL Route 38 Trail, Maple Park (development address)
- ~20-acre project area, with ~18 acres of solar array (panels)
- Landowner - John and Michelle Hatch (live onsite)
- Ideal Location:
  - Relatively flat site
  - Isolated, naturally screened on two sides
  - Proximity to existing ComEd lines along IL Route 38



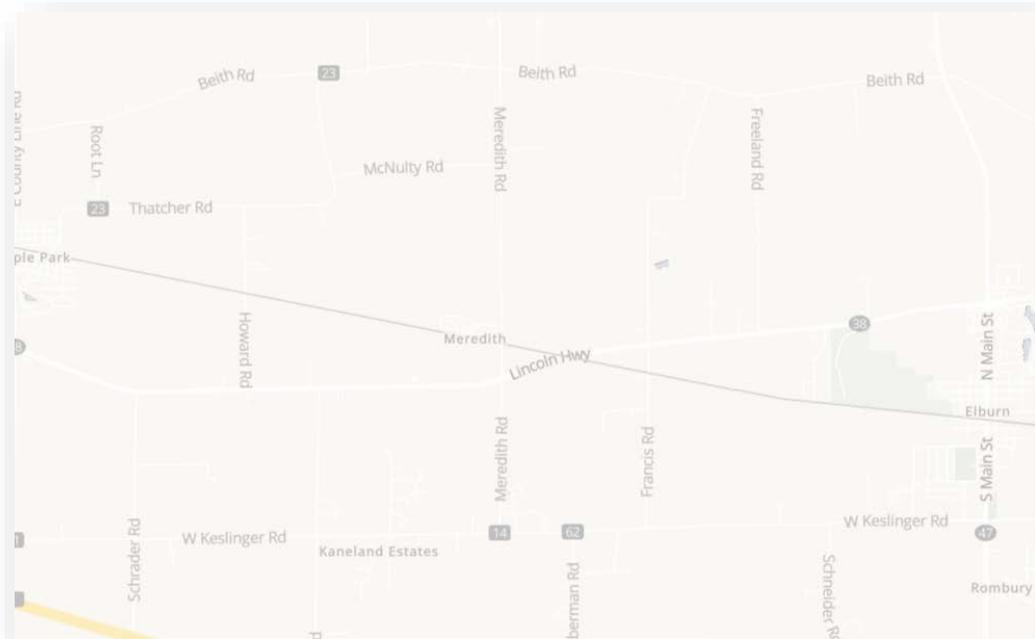
# Site Plan and Layout

- SAT racking (rows aligned N-S)
- Min 50' setbacks from all lot lines and 100' from IL Route 38
- Access from IL Route 38
- Point of Interconnect at access entrance along IL Route 38
- New screening along NW corner and W side and on NE corner (discussed further below)
- Planted with pollinator-friendly native flora mix



# Environmental

- Minor wetlands exist on south end of the site
- No critical habitat for any sensitive species
- No historical resources nearby



Andy Melka  
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**RE: Hatch Farm Solar**  
**Project Number(s): 2317446**  
**County: Kane**

Dear Applicant:

This letter is in reference to the project you recently submitted for consultation. The natural resource review provided by EcoCAT identified protected resources that may be in the vicinity of the proposed action. The Department has evaluated this information and concluded that adverse effects are unlikely. Therefore, consultation under 17 Ill. Adm. Code Part 1075 and 1090 is terminated.



# Native Prairie Ground Cover – Pollinator-Friendly



<https://pv-magazine-usa.com/2019/08/03/solar-and-pollinators-photo-essay/>

<https://vt.audubon.org/conservation/pollinator-friendly-solar-bird-friendly-buffers>

# Vegetative Screening - existing plan

- Two neighbors live nearby (Stachura and Mision households)
- Already vegetative cover around both houses
- Existing plan to screen NW corner (facing Millers) and along E side (facing Marquardt)
- Native evergreens (white spruce, white pine, etc)



# Vegetative Screening - New Proposal

- Double the density (15' on center spacing)
- Add screening in new areas as shown



# Decommissioning Plan & Financial Security

- Removal of equipment, unless landowner requests otherwise
- Initial Cost Estimate: net cash flow of \$159,526
- Includes salvage value of components and conservative resale price for solar panels (only 5% of new panel cost)
- Cost Estimate re-evaluated every five years starting in Year 10

- Schedule:

- Receive Kane Co SUP this fall
- Apply for IPA awards immediately
- If IPA contract secured, construct as soon as next spring



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**HORIZON**  
SOLAR POWER