

# City of Urbana: Transforming Landfill to Solar Field



## Project Team:



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Account Executive



**Peizhi Yang**  
Sr. Business Development Manager



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Sr. Project Development Analyst

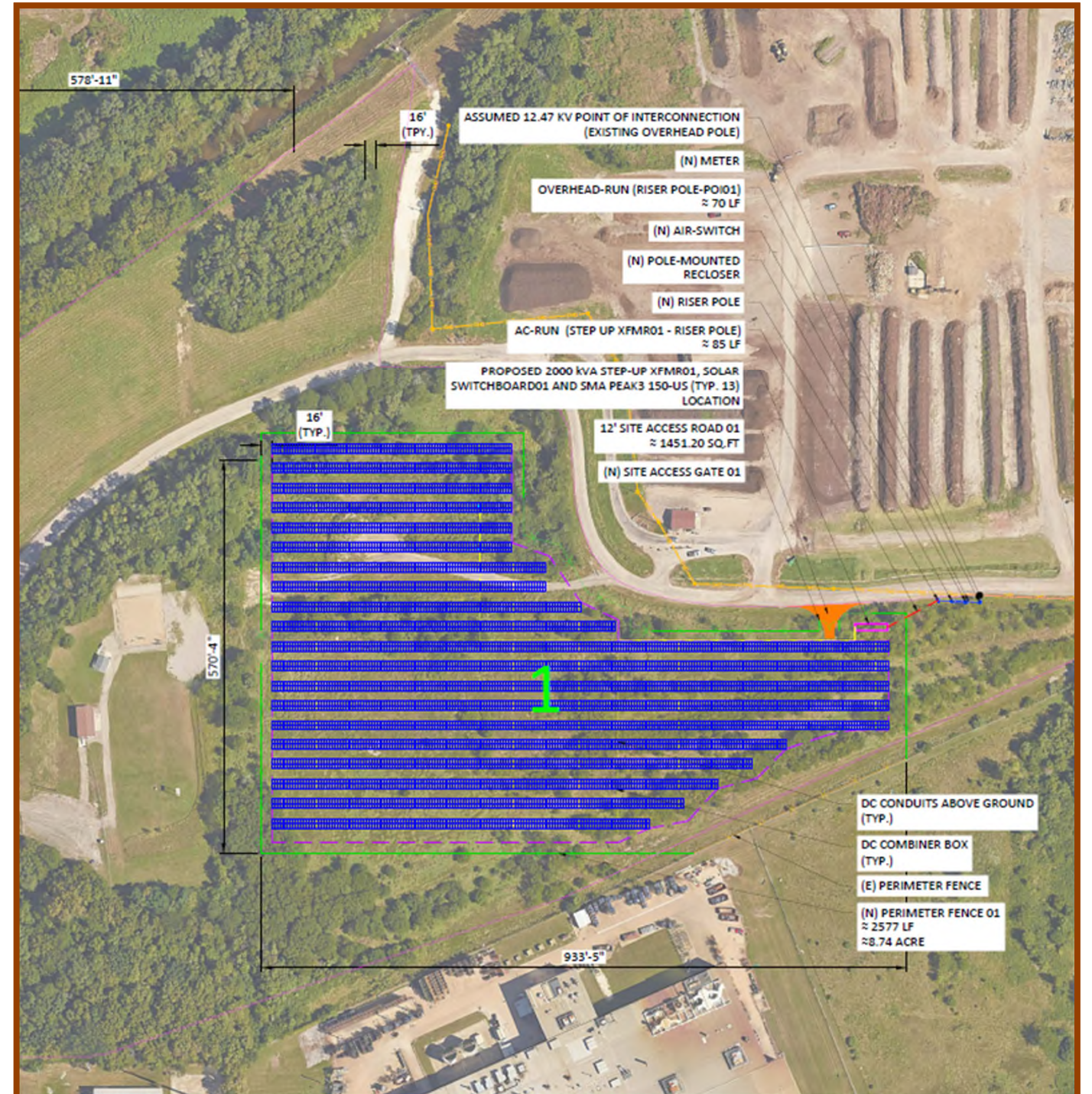


**City Of Urbana**  
Project Land Owner & Off-taker



**Arcadia**  
Customer management and subscription provider

## Prototype Design:



### Mission:

TotalEnergies aims to repurpose the previous 9-acre landfill into a 3MWdc solar photovoltaic array, with the objective of delivering tangible benefits of clean energy to the surrounding communities.

### Project Description:

- Location: Urbana, IL
- System Type: Ground Ballasted Fixed-Tilt
- System Size: 2.9 MWdc
- Date of Completion: Construction to begin in 2025

### Project Impact:

- \$520,000 in lease payments to the city over 20 years
- 50% electricity generation supplied to low-income residential subscribers at low cost
- 57,400 Renewable energy credits for commercial and residential customers over 20 years
- 19,070 Metric Tons of CO<sub>2</sub> saved over the course of 25 years
- Accomplish the IL state goal of equitable energy transition
- TotalEnergies Community Education Programs for K-12