Hanks Crossing Energy Project

Adams County, Colorado

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June 3, 2025

Plenitude Overview

RENEWABLES
- **4.1 GW** NET CAPACITY YE24
- **5 TWh** POWER SOLD IN 2024

RETAIL
- **>10 MLN** CUSTOMERS
- **ENERGY SERVICES** 20% OF EBITDA

E-MOBILITY
- **>21k PUBLIC CPs** NETWORK
- **>10 COUNTRIES** EXPANSION IN EU

GLOBAL PRESENCE WITH MATURE ORGANIZATION

Source: Plenitude Corporate Presentation 2025 link

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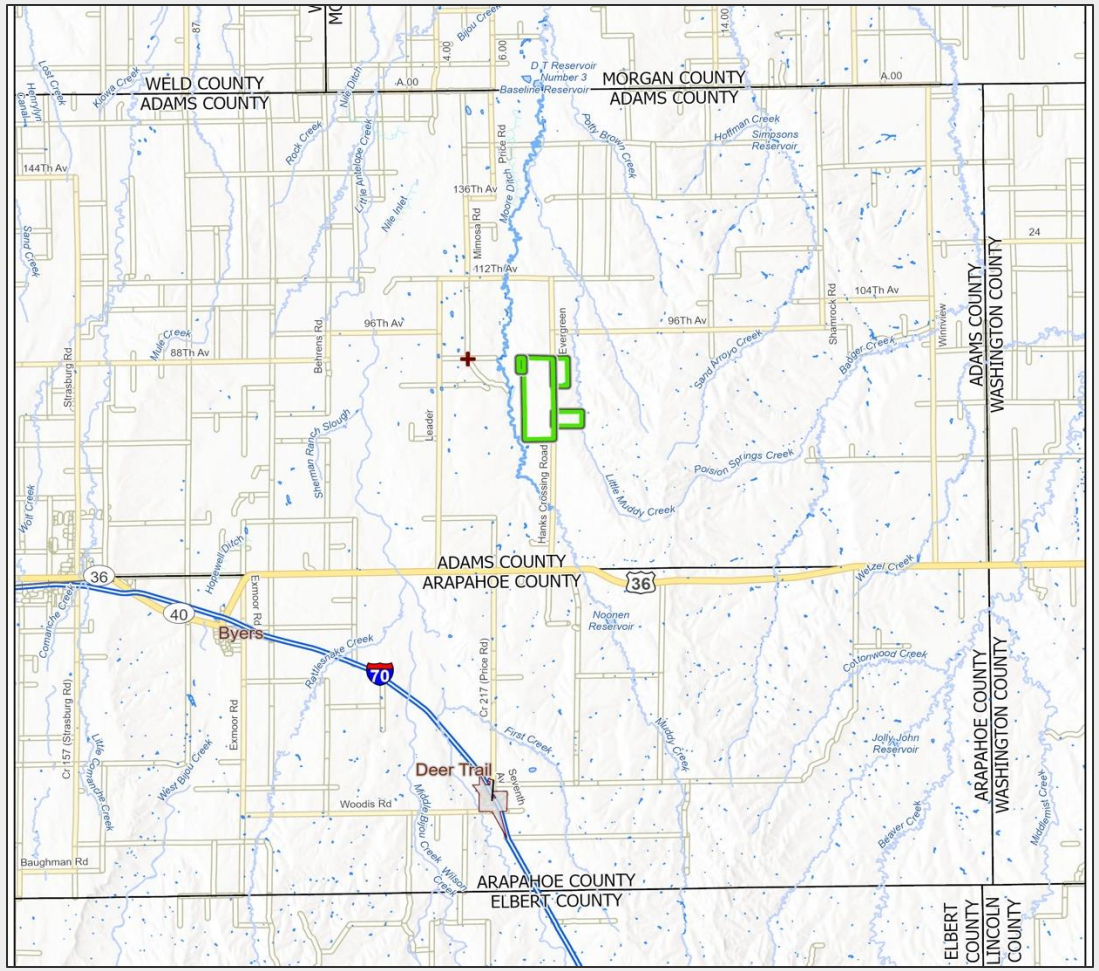
Project Overview

Key Project Features

- **Located on 2,659 acres of private land**
  - 2,205 acres utilized for solar facilities
- **Main access is from Hanks Crossing Road**
- **Interconnection anticipated via Public Service Company of Colorado's (PSCo) existing transmission lines adjacent to property (to be permitted separately)**
- **Project Components include:**
  - **355-MW** photovoltaic (PV) system
  - **178 MW** Battery Energy Storage System (BESS)
  - internal private access roads
  - inverters and transformer equipment
  - an electrical collection system
  - a collector substation
  - an operations and maintenance building
  - other associated facilities

Project location



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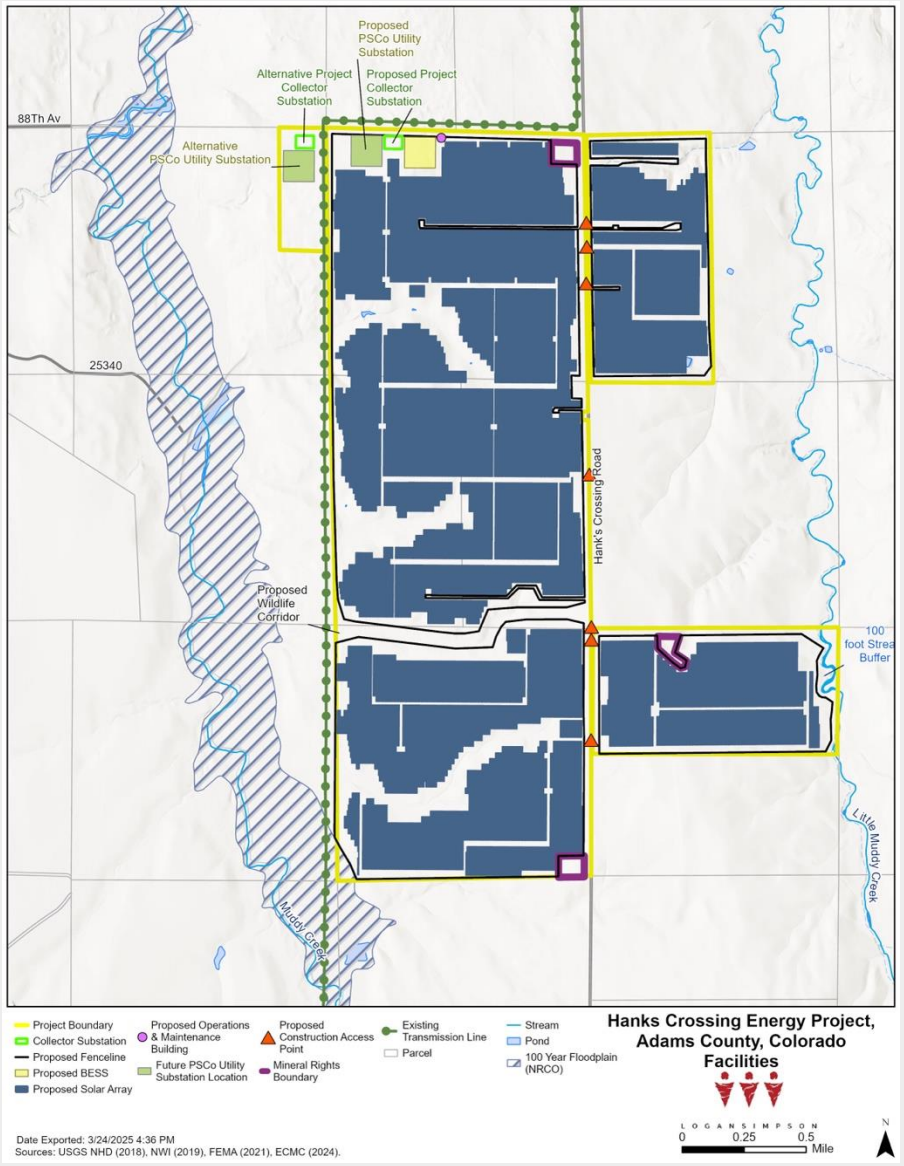
Key Site Selection Criteria



- Alignment with Adams County Land Use Vision
- Support from local landowners.
- Rural location.
- Collocation with existing transmission lines with available capacity.
- Avoidance of residential areas, critical wildlife habitat, wetlands, floodplains, and Natural Resources Conservation Overlay.
- Suitable site topography.
- Marginal productivity for dryland agriculture.

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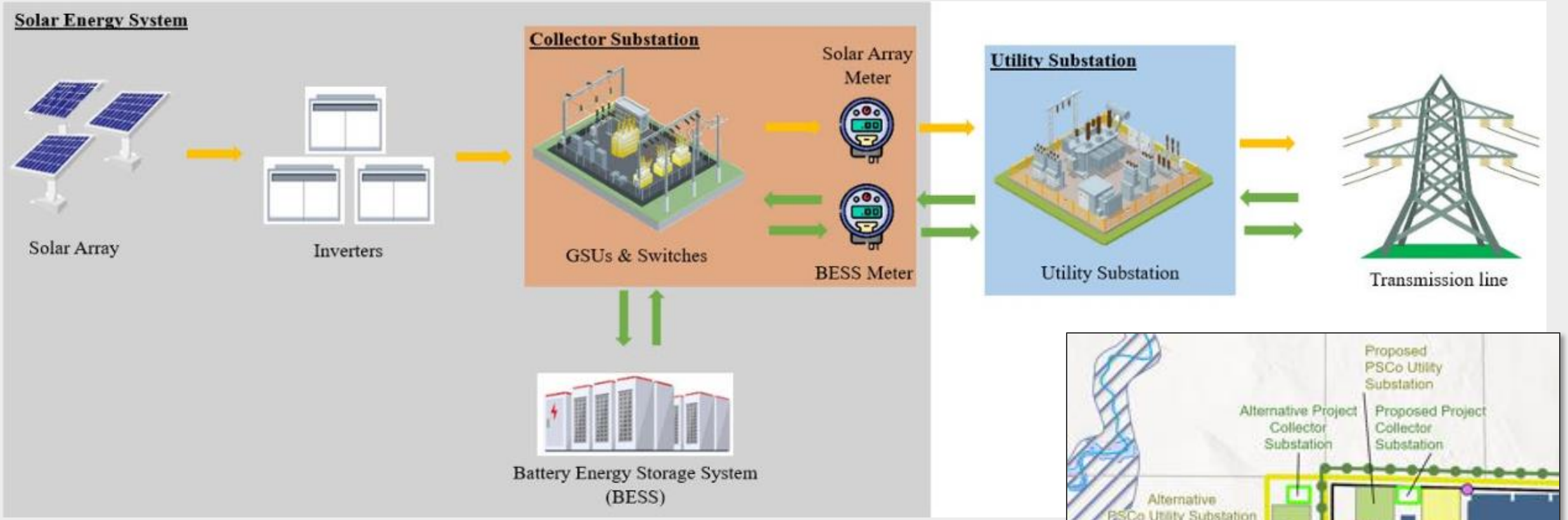
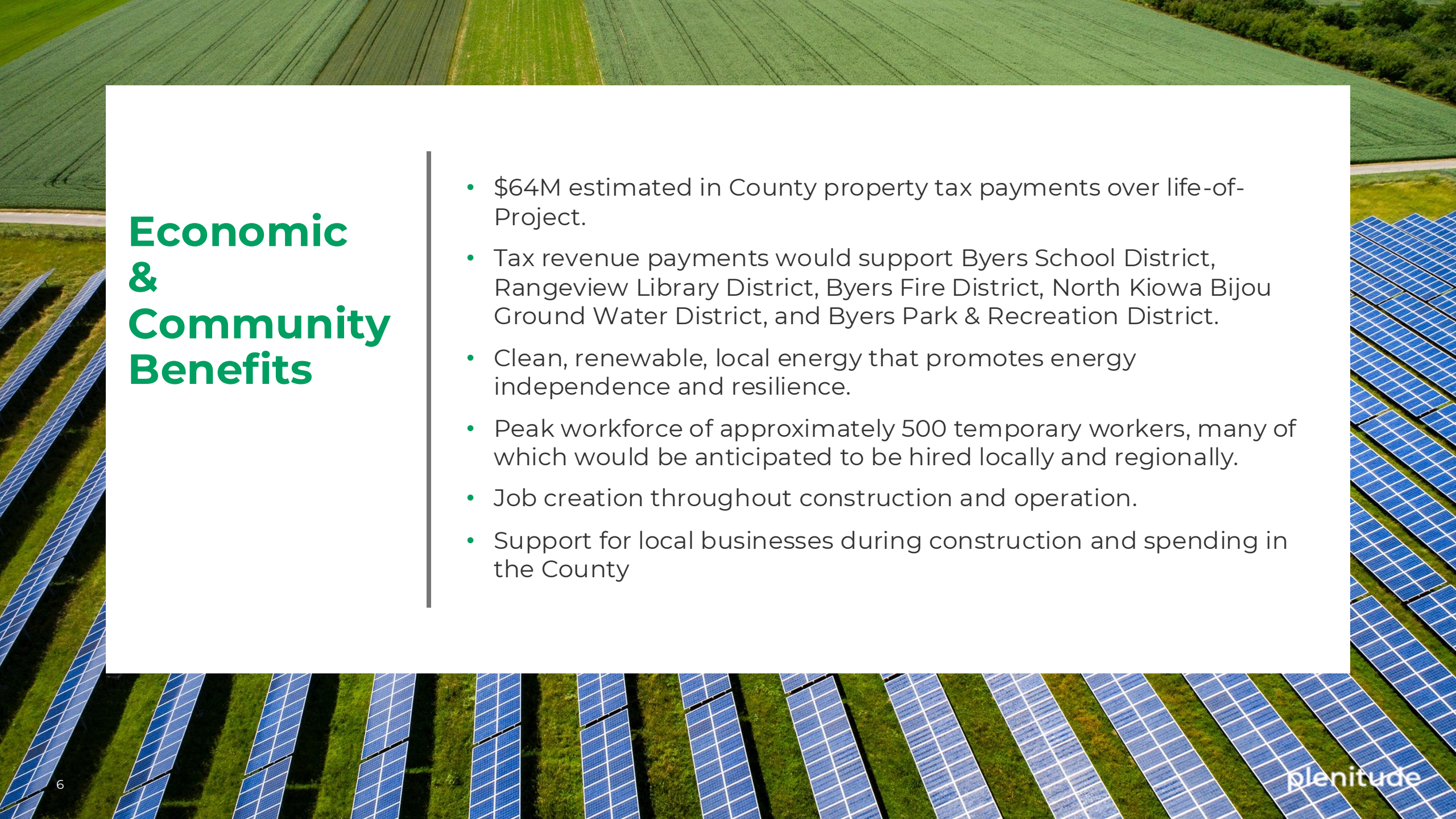
Two Integrated CUP Applications

Solar and Battery Storage CUP

Substation CUP

Utility Switchyard CUP by PSCo





Economic & Community Benefits

- $64M estimated in County property tax payments over life-of-Project.
- Tax revenue payments would support Byers School District, Rangeview Library District, Byers Fire District, North Kiowa Bijou Ground Water District, and Byers Park & Recreation District.
- Clean, renewable, local energy that promotes energy independence and resilience.
- Peak workforce of approximately 500 temporary workers, many of which would be anticipated to be hired locally and regionally.
- Job creation throughout construction and operation.
- Support for local businesses during construction and spending in the County

Minimizing On and Off-Site Impacts

Project Studies/Mitigation Plans

Completed

- ✓ ALTA and Title Survey
- ✓ Phase I Environmental Site Assessment
- ✓ **Preliminary Decommissioning Plan**
- ✓ **Preliminary Vegetation Management**
- ✓ Level 1 Storm Drainage Study
- ✓ FAA Coordination
- ✓ **Wetland Delineations**
- ✓ **Wildlife Habitat Characterization and Site Reconnaissance**
- ✓ **Cultural Resources Summary Report**
- ✓ Soils and Geology Report
- ✓ Greater Prairie Chicken Survey Report

To be Completed

- Emergency Response Plan
- Road Use Agreement
- ROW Dedications
- Road Vacancy and Section Line Setback Waiver Application
- Site Plan Review
- Unanticipated Discoveries Plan
- Stormwater Drainage Plan
- On-Site Grading and Drainage Plan
- Stormwater and Erosion Mitigation Plan
- Well Reallocation Permit
- Preconstruction Permits
- Geotechnical Studies

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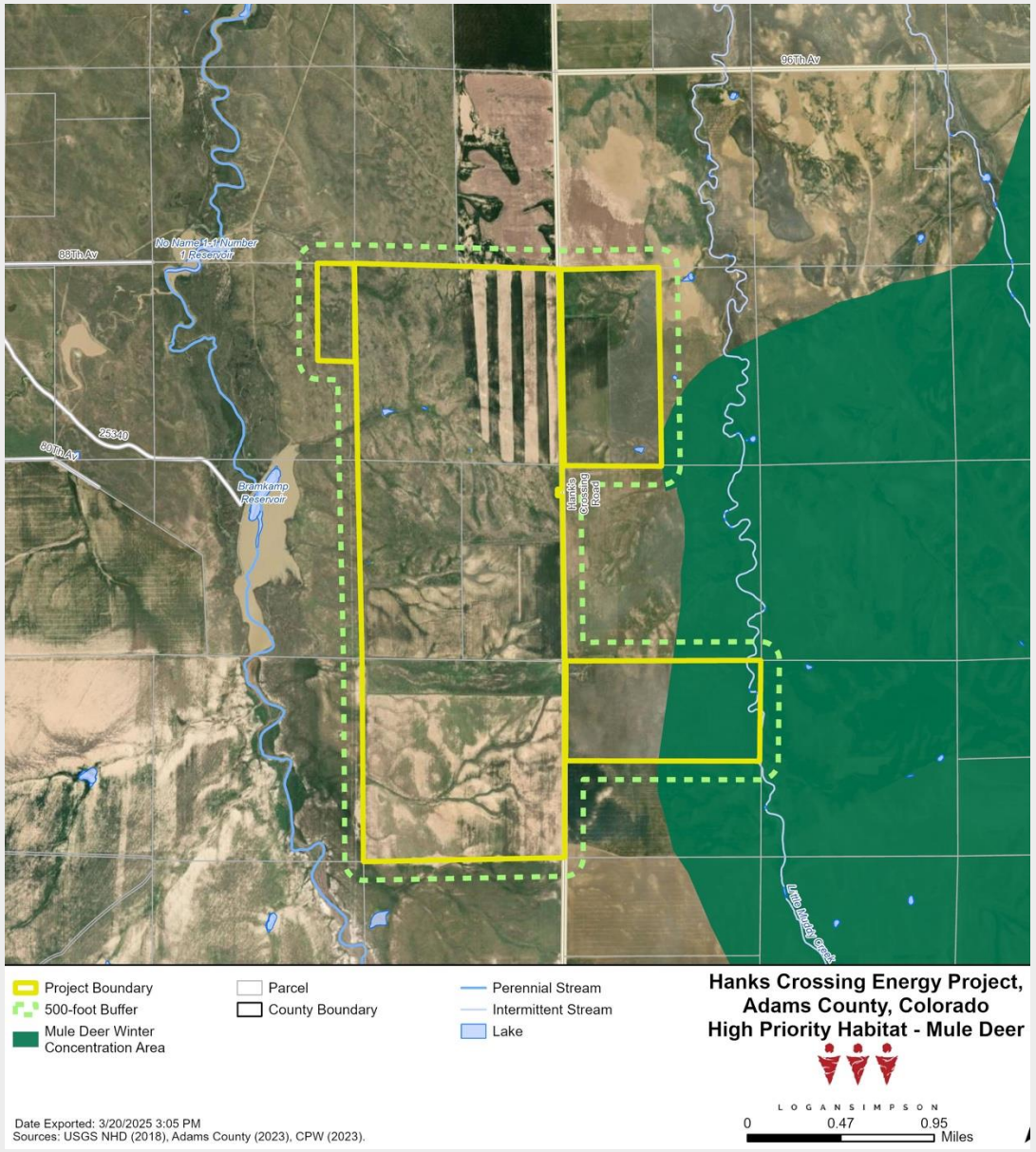
Suitability of the Site

Wildlife and Habitat Preservation

- Coordination with CPW and incorporation of a **wildlife corridor** into the Project design.
- **Weekly surveillance** to prevent entrapment of wildlife.
- **Pre-construction surveys** to minimize impacts to wildlife.
- Consideration of CPW's recommended **nest buffers**.
- No construction within the **big game timing constraint** (Dec 1- April 30) for mapped HPH mule deer winter concentration areas.
- Installation of **big game cameras** to better understand wildlife use within the wildlife corridor.
- Incorporated **"wildlife-friendly" fencing** into the Project design based on CPW's Best Management Practices for Solar Development.
- **Control of noxious weeds** and potential to use **native pollinator-friendly seed mixes** during revegetation to increase native plant biodiversity through the long-term land management.



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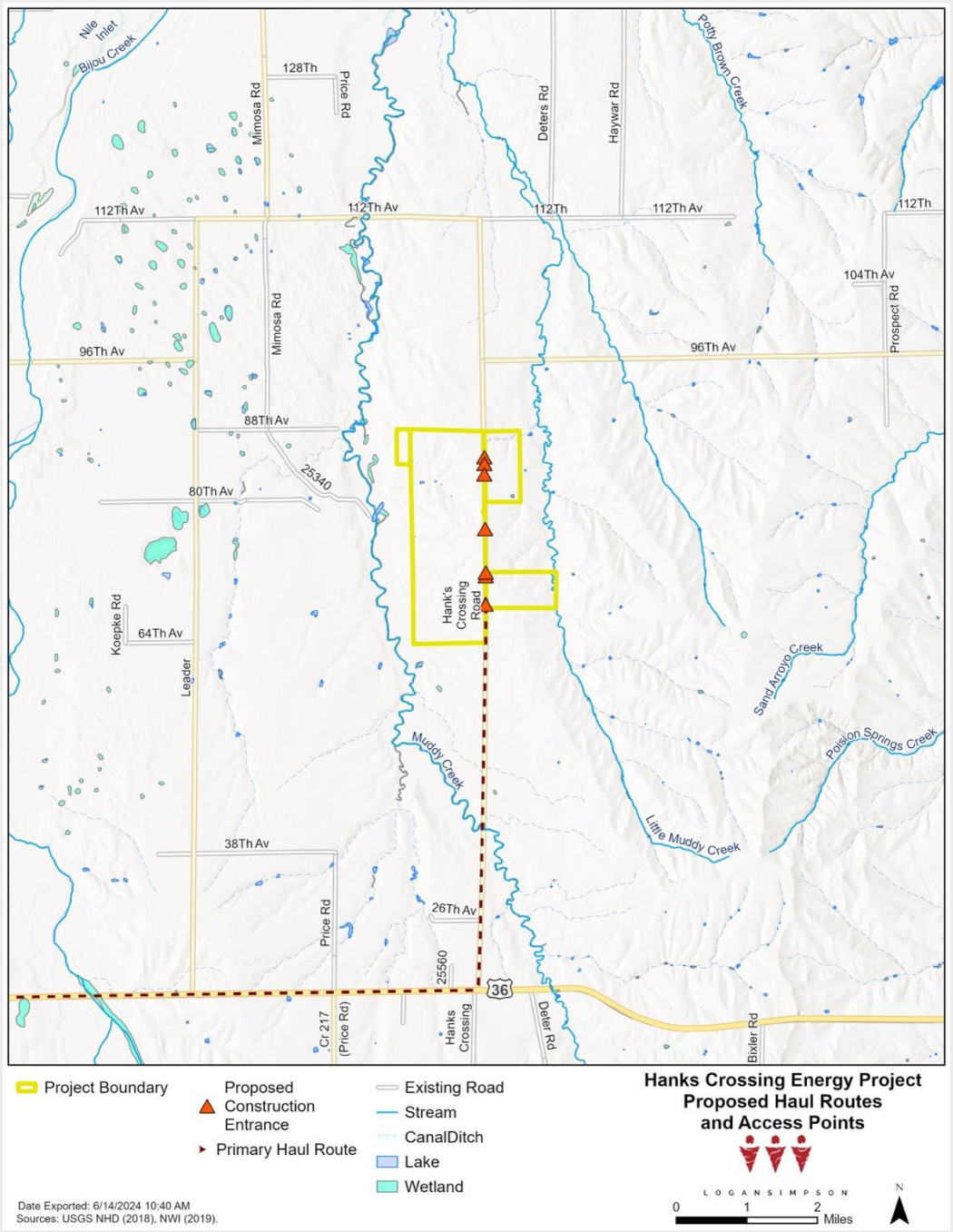

Minimizing On and Off-Site Impacts

Road Use

- Trip Generation Analysis was completed by an independent subconsultant
- 18 - 24-month temporary impacts along Hanks Crossing Road
- Adequate existing road system
- Negligible long-term traffic impact
- Fugitive Dust Control Measures will be utilized
- Coordination with County on Road use and Road Maintenance Agreement

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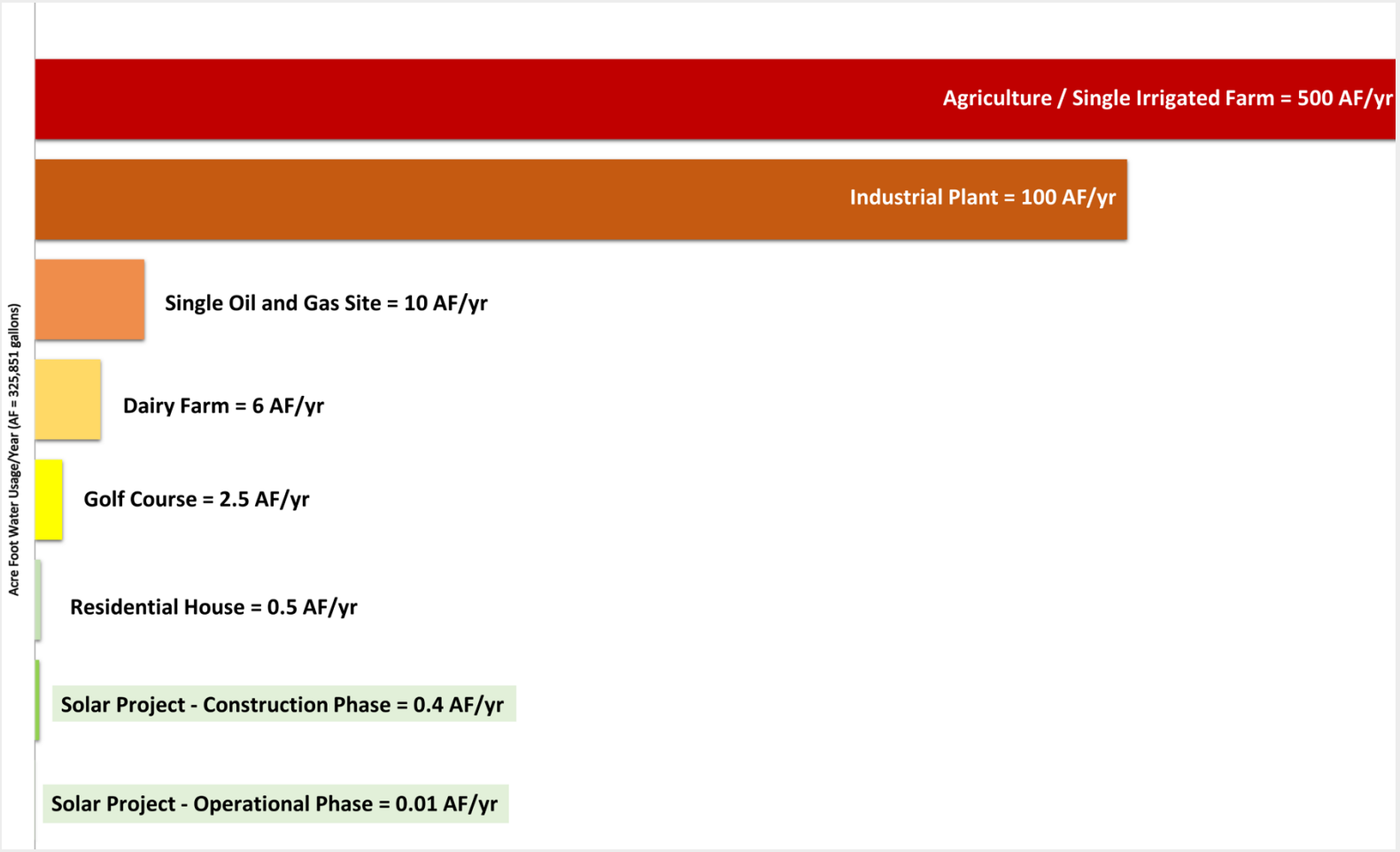
Minimizing On and Off-Site Impacts

Public Engagement

- **Neighbor Outreach**
  - Mailed project information letters to all landowners within 1 mile of the Project
  - Director determined a neighborhood meeting was not necessarily due to remoteness of area and lack of nearby residences
  - No negative feedback received to date.
- **Agency Outreach**
  - Proactively contacted numerous organizations and agencies that may be impacted by the Project (Sheriff's office, Fire district, school district, CPW, etc.)
- **Mineral Rights Notifications**
- **We remain committed to regular and ongoing consultation throughout the project life**

Suitability of the Site

Natural Resource Preservation



Source: : CSU 2016, SWSI 2011, Bracken et al. 2015, Penn State 2023, USDA 2007.

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Health, Safety, Welfare

No emissions or contamination to the air, water, or soil

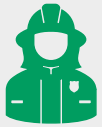
Solar PV panels contain inert materials (glass, polymer, aluminium, copper, and semiconductor materials)

Equipment does not pose a material risk or toxicity to public health and safety

Electromagnetic fields are localized and would not expose anyone outside the facility perimeter

A Decommissioning Plan has been submitted and will be updated every five years by a licensed professional engineer.

Health and Safety for Tier 1 Battery Storage



Coordination with Byers Fire District on site access, response and first responder activities

Integrated safety features such as fire suppression system, thermal management and advanced management systems to prevent overheating

The BESS will comply with testing criteria for thermal runaway (UL9540A)

Deflagration panels/venting as required by UL1973

Spacing in accordance with clearance requirements of NFPA 855 between each BESS container

Vegetation will be maintained to keep a minimum 10ft surrounding the BESS containers

Health and safety signage

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Questions

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