

Telesto-Hardin County-KY_Layout



	Site Access
	Security Fence
	Single Axis Tracker 470W (full row)
	Single Axis Tracker 470W (partial row)
	Single Axis Tracker 395W (full row)
	Single Axis Tracker 395W (partial row)
	Inverter
	Access Road
	Access Gates
	Area for Substation
	Area for O&M Building

PV SYSTEM SPECIFICATIONS			
Capacity - DC	127.77 MW _p		
Capacity - AC	110.00 MW _{ac}		
DC/AC Ratio	1.16		
Modules	(250,182 25,785) 470 Thin Film 395 Bifacial		
Mods. per string	06 27		
Pitch	16.600 16.650 ft		
GCR	40.0 %		
Mounting structure	(3313 347) NEXTracker		
• Full	2970 261		
• Partial	343 86		
• Half	XX		
Inverters	(34) 3430 kVA		
• Nominal Power	3550 kVA		
Fenced area	(23763721 ft ²) 546 acres		
• Perimeter	78691 ft		
LS	01.03.22		
DRAWN	CHECKED	APPROVED	DATE

PROJECT NAME & ADDRESS:
Location:
Hardin County, KY

NOTES:
- 470 Thin Film | 395 Bifacial W modules
- 138 kV Interconnection Voltage

Paper Size: ARCH B
Scale: 1/1400" = 1'-0"
Sheet: 1

CAPACITY:
250,182 | 25,785 Modules 127.77 MW_p

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DRAWING NUMBER: -- STATUS: Preliminary

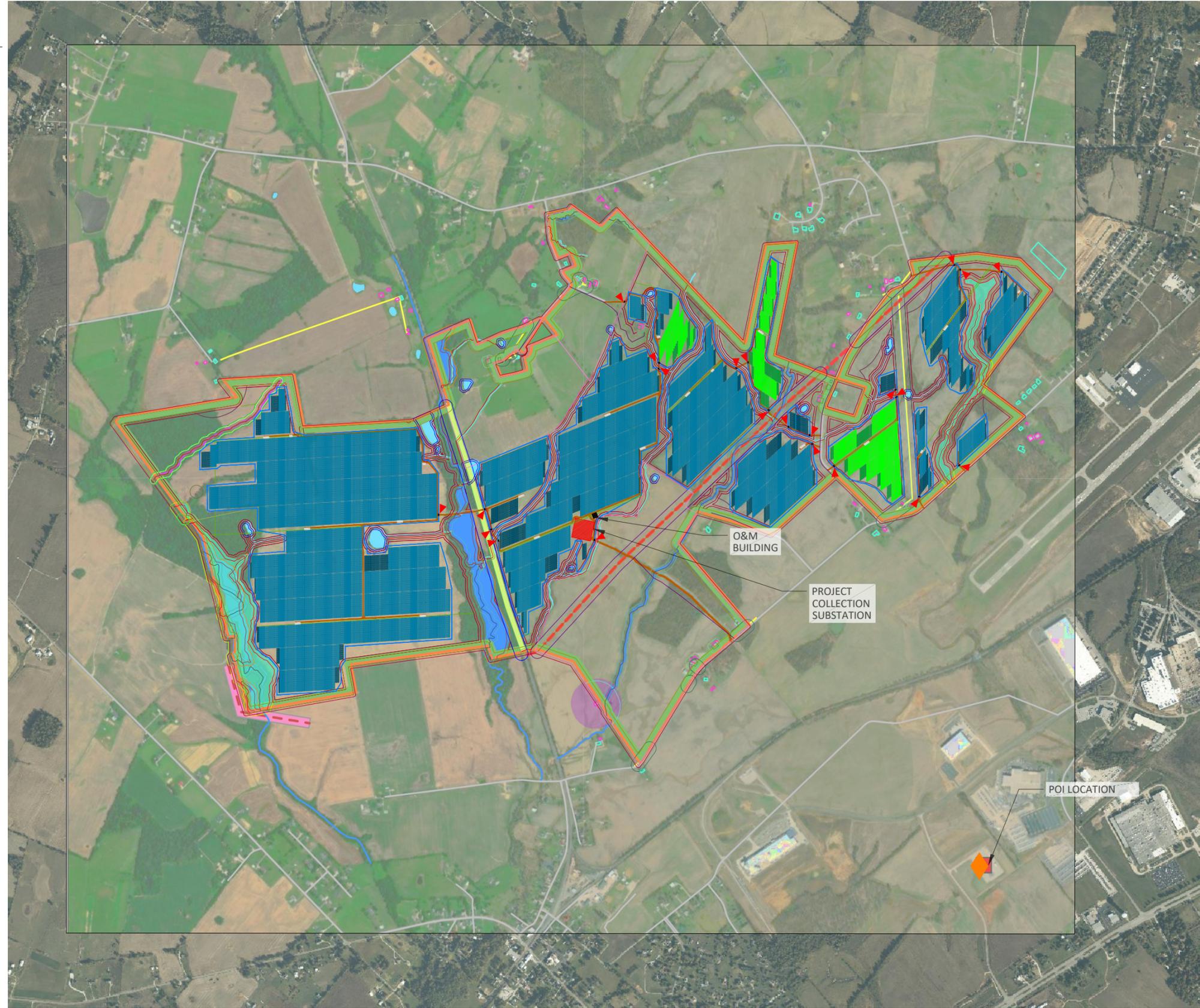
lightsourcebp

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ARCH full bleed B (18.00 x 12.00 inches) - v.0.4

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Telesto-Hardin County-KY_Layout (Constraints)



- Legend**
- Parcel boundaries
 - POI
 - Railroad
 - NHD Flowlines
 - HFDL - Oil & Natural Gas Well
 - FEMA 100yr Floodplains
 - Perimeter 100ft Setback
 - Road Centerlines
 - MS Building - Non-Residential
 - MS Building - Residential
 - Delineated Streams - Jurisdictional
 - Delineated Streams - Non-Jurisdictional
 - Delineated Wetlands - Jurisdictional
 - Delineated Wetlands - Non-Jurisdictional
 - KY Utilities Company - OWH Electric Line
 - KY Utilities Company Easement
 - Mohalley - Underground Gas Pipeline
 - Unknown Utilities - OWH Electric Lines
 - Landowner's Barn - 350ft Setback

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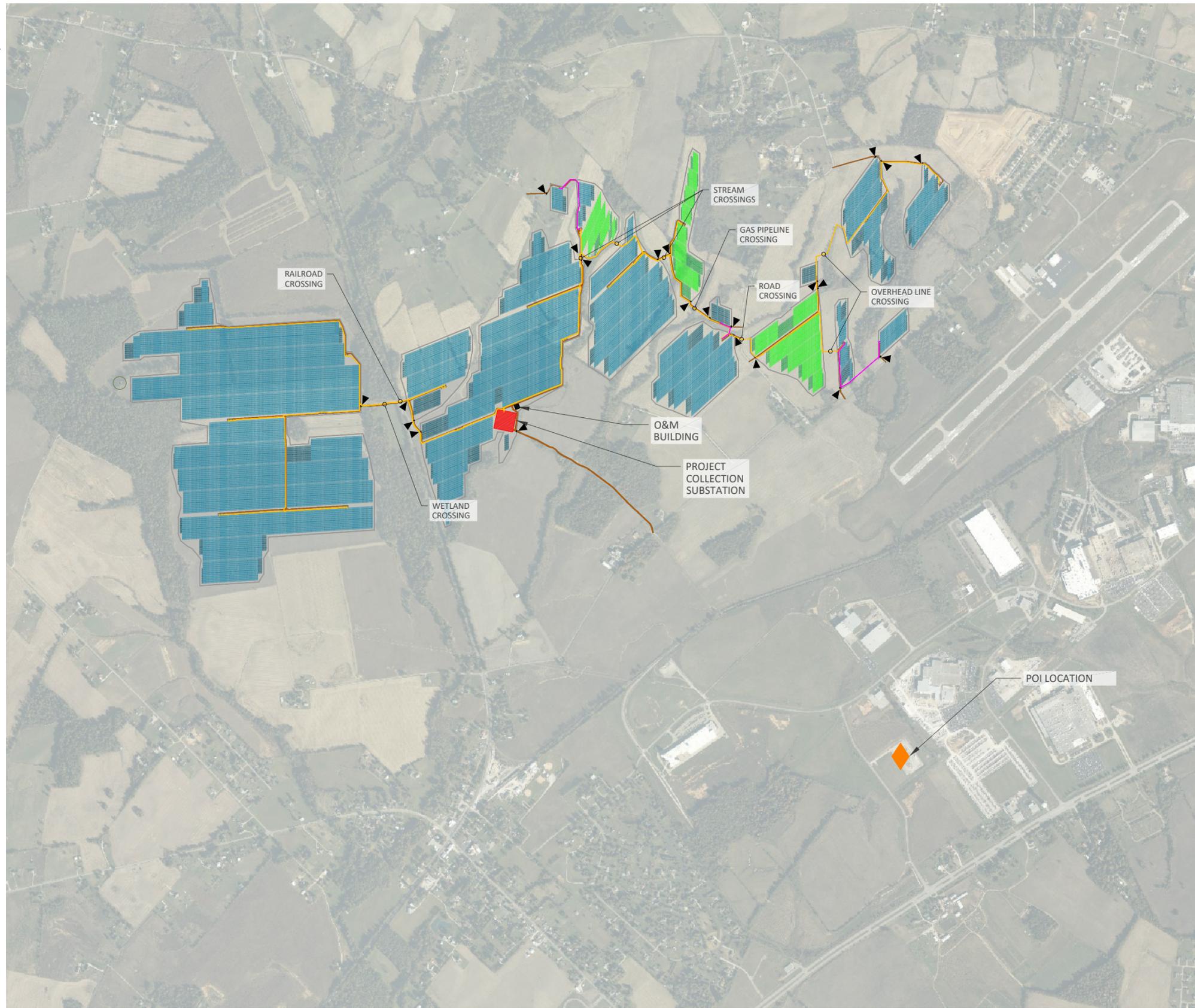
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Telesto-Hardin County-KY_Layout (MV Collection lines)



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COLLECTION LINES	
	MV Collection Runs: 45967 ft
	DC Runs: 1717 ft

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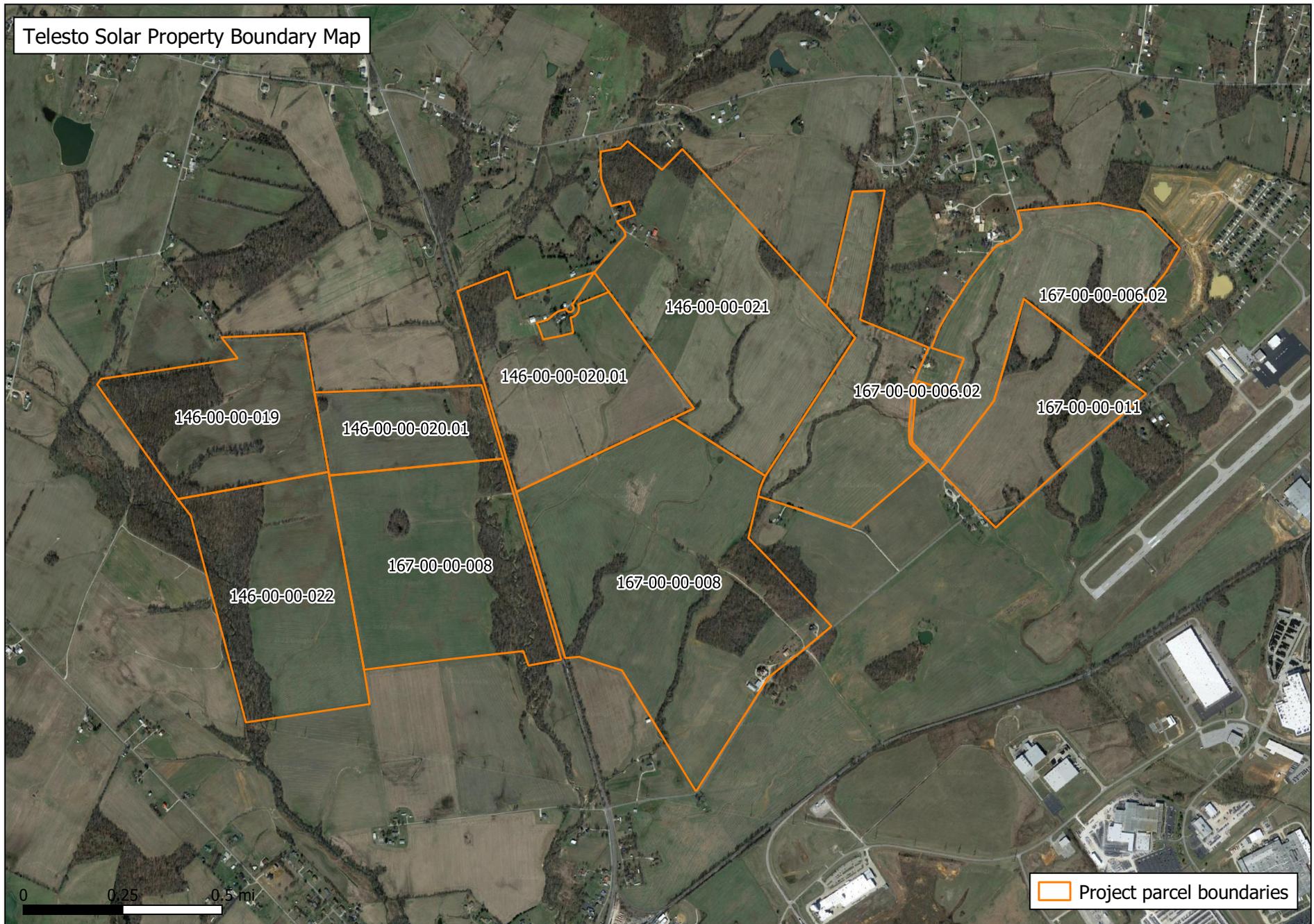
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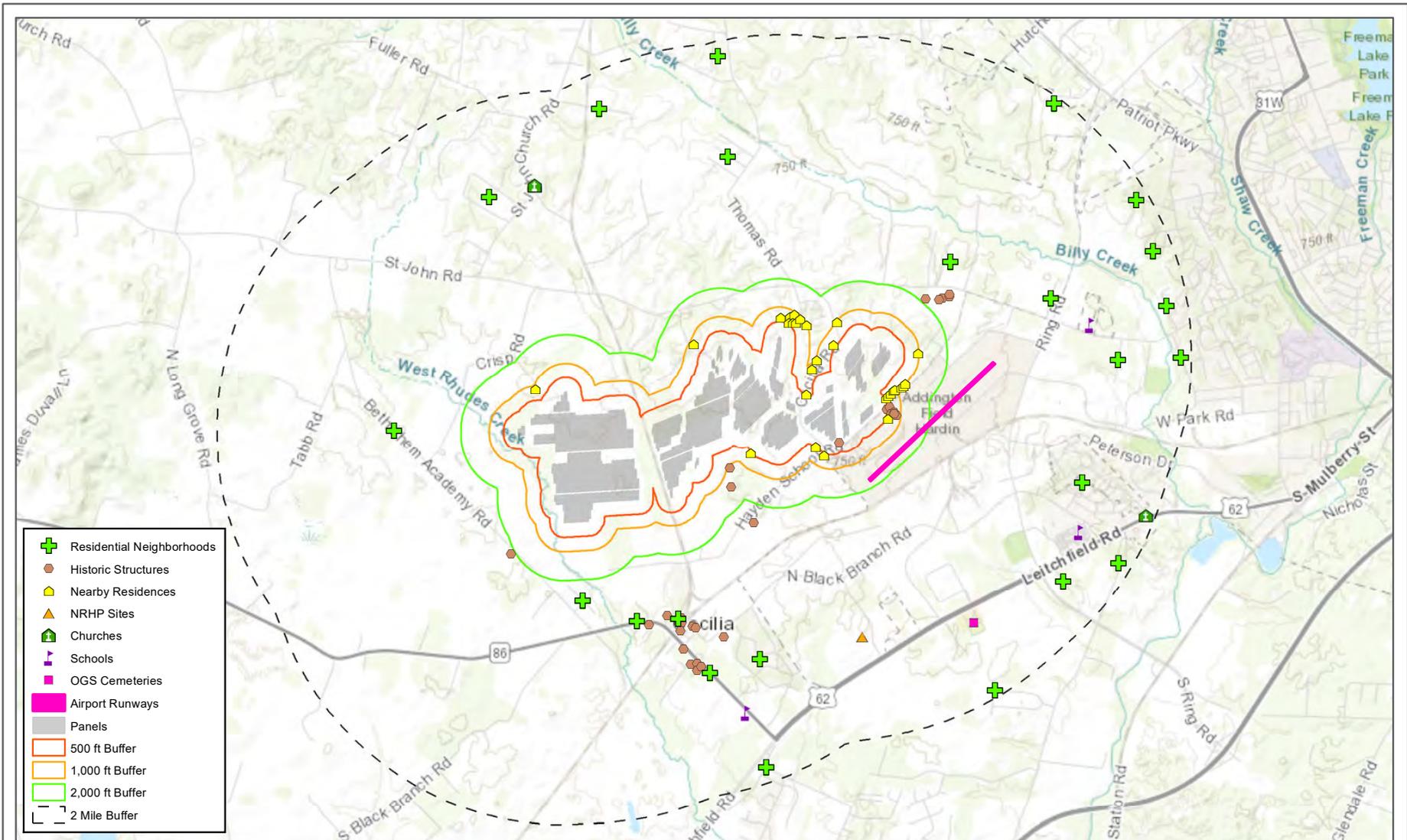
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Telesto Solar Property Boundary Map

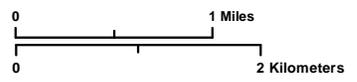


0 0.25 0.5 mi

Project parcel boundaries



- + Residential Neighborhoods
- Historic Structures
- ▲ Nearby Residences
- ▲ NRHP Sites
- 🏠 Churches
- ▲ Schools
- OGS Cemeteries
- ▬ Airport Runways
- ▭ Panels
- 500 ft Buffer
- 1,000 ft Buffer
- 2,000 ft Buffer
- 2 Mile Buffer



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Exhibit 1.3: Public Resources Within 2 Miles of PV Panels

Telesto Energy Project
Telesto Energy, LLC
Hardin County, Kentucky

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Date: 6/21/2022

File Path: S:\PROJECTS\7A_Energy\E319302805 - Telesto Solar KY\GIS\Sensitive Receptors within 2 Miles.mxd

Basemap: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

GIS Analyst: samuel.waltman

