



**Cultural Resources Assessment-
Martin County Solar Project**

Martin County, Kentucky

November 30, 2020

Prepared for:

Martin County Solar, LLC
422 Admiral Boulevard
Kansas City, MO 64106

Prepared by:

Stantec Consulting Services, Inc.
Louisville, KY



CULTURAL RESOURCES ASSESSMENT- MARTIN COUNTY SOLAR PROJECT

Desktop Cultural Resources Assessment

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Abbreviations

KHC	Kentucky Historic Council
NRHP	National Register of Historic Places
OSA	Kentucky Office of State Archaeology
PV	Photovoltaic
SHPO	State Historic Preservation Office
USGS	United States Geological Survey



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1.0 DESKTOP CULTURAL RESOURCES ASSESSMENT

Stantec Consulting Services has prepared this Cultural Resources Assessment as part of the Martin County Solar Project for Martin County Solar, LLC. The purpose of this assessment is to identify cultural resources of significance or other areas of concern that should be considered during project development.

1.1 PROJECT DESCRIPTION

Martin County Solar is proposing to develop a 100 – 150-megawatt photovoltaic (PV) solar project. The study area under review includes two polygons with a total project area of approximately 1053.34 acres in Martin County, Kentucky (**Figure 1**) in the Kermit United States Geological Survey (USGS) 7.5-minute topographic quadrangle.

1.2 RECORDS REVIEW

A desktop review of agency databases and secondary sources was conducted to document known resources. Resources utilized for the review included, but are not limited to::

- Cultural and historical resources
 - National Register of Historic Places (NRHP)
 - Kentucky Heritage Council (KHC), which serves as the Kentucky State Historic Preservation Office (SHPO)
- Archaeological resources
 - Office of the State Archaeologist (OSA)
- Historical aerial and topographic imagery
 - United States Geological Survey (USGS) National Map
 - Google Earth Pro Maps
 - USGS Historical Topographic Map Explorer ([USGS Historical Topographic Map Explorer \(arcgis.com\)](https://www.usgs.gov/learn/arcgis-com))



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Table 1 below provides a summary of the features that were identified within the study area. Project location and aerial features are identified in **Figure 1**. This information provides an overview of resources of significance within the study area as well as other issues of potential concern. More detailed cultural or archaeological studies may be required as individual actions are further developed in accordance with the SHPO.

Table 1. Cultural Resources Identified in Martin County Solar Project Study Area, Martin County, Kentucky

Environmenta Category	Resource/ Feature	Source/ Information
Cultural- Archaeology	The Kentucky Office of State Archaeology (OSA) preliminary records review indicated there are no previously recorded archaeological sites or investigations within the project area and its immediate vicinity (30 m buffer).	Source: KY OSA report (2020)
Cultural- Historic	<p>A review of the National Register of Historic Places (NRHP) database indicated there are 2 historical places located within Martin County.</p> <ul style="list-style-type: none"> • <u>Martin County Courthouse</u> (10 Courthouse Street, Inez, KY)- Approximately 5.05 miles north of the project area • <u>Martin Himler House</u> (west of the junction of KY-40 and KY-2031, Beauty, KY)- Approximately 7.75 miles northwest of the project area <p>These properties are over 5 miles from the project study area and are not anticipated to require additional coordination with federal or state agencies.</p>	Source: National Register of Historic Places (2020)
Cemeteries	There are 3 cemeteries located within the study area (Figure 1). Cemetery-01 and Cemetery-02 are along Fletcher Jude Cemetery Road (KY-1118) and the other (Cemetery-03) is located in a small patch of woods on the west side of the project study area. There is another cemetery, Cemetery-04, on Figure 1 known as Moses Stepp Cemetery located directly adjacent to the project area on KY-1714, near the southeast border of the study area.	Source: Google Earth Pro Maps, ESRI topo maps, Field reconnaissance
Historical Aerial and Topographic Imagery	Based on a review of historical aerial imagery, as available through Google Earth 2020, portions of the study area have been historically mined. The study area is currently comprised of reclaimed mine land and forested areas and has not changed significantly throughout recent years.	Source: Google Earth Pro Maps, USGS National Map, USGS Historical Topographic Map Explorer



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References

2.0 REFERENCES

Google Earth. 2020. Aerial imagery, Google Earth Pro. Accessed November 2020.

Kentucky Heritage Council. 2020. *Kentucky State Laws Affecting Preservation and Management of Archaeological Sites and Other Cultural Resources*. Internet Website: <https://heritage.ky.gov/archaeology/Pages/overview.aspx>. Accessed November 2020.

Kentucky Office of State Archaeology. 2020. *Preliminary Records Review Number: 277308*. University of Kentucky.

National Park Service. 2020. *National Register of Historic Places*. [National Register of Historic Places \(U.S. National Park Service\) \(nps.gov\)](https://www.nps.gov/nr/). Accessed November 2020.

USGS Historical Topographic Map Explorer.2020. [USGS Historical Topographic Map Explorer \(arcgis.com\)](https://hatteras.nwr.usgs.gov/). Accessed December 2020.

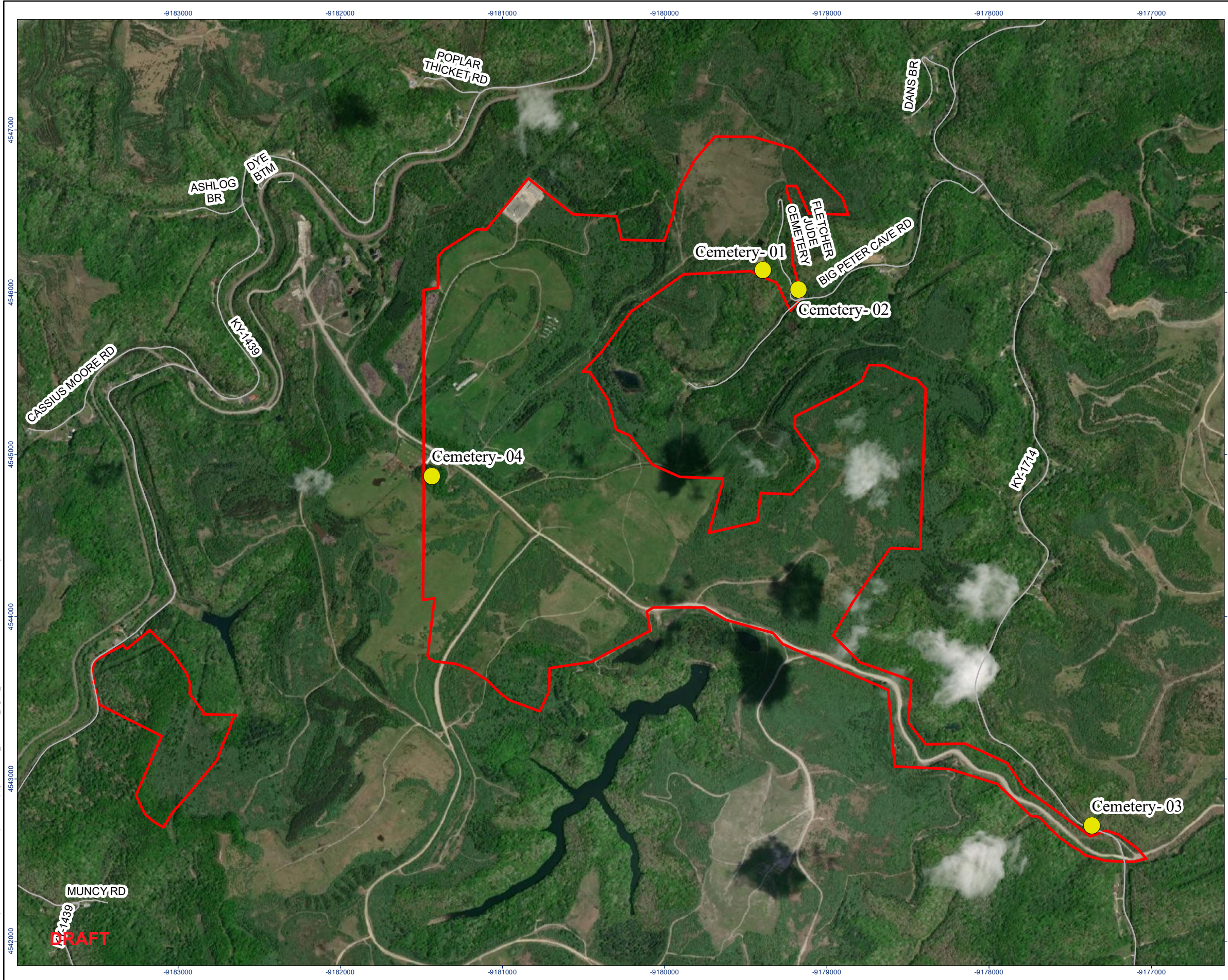
USGS National Map Viewer. 2020. [The National Map - Advanced Viewer](https://nationalmap.gov/) . Accessed November 2020.



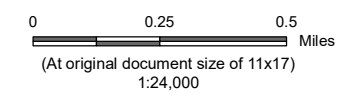
Figures

FIGURES

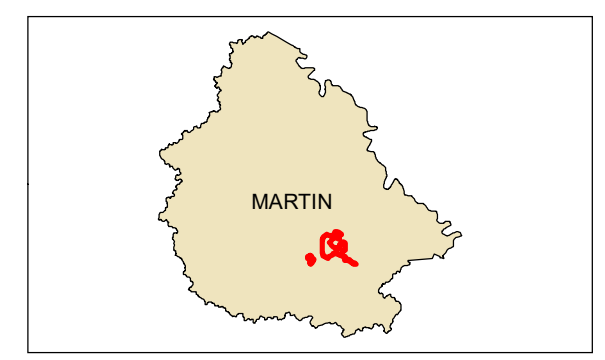
1. Cultural Resources Map



- Legend
- Cemeteries
 - Roadways
 - Area of Interest



- Notes**
1. Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere
 2. Data Sources:
 3. Background: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Project Location Martin County, Kentucky
Client/Project Martin County Solar, LLC
 Martin County Solar Project

Prepared by LA on 2020-11-17
 TR by JA on 2020-11-18
 IR Review by JA on 2020-11-18
 172658241 REVA

Figure No. 1 **DRAFT**

Title Cultural Resources Map

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Attachments

ATTACHMENTS

**A. Cultural and Archaeological Historic
Resources- Kentucky Office of State
Archaeology Report**

B. Photographic Log



Attachments

ATTACHMENT A

**Cultural and Archaeological Historic Resources-
Kentucky Office of State Archaeology Report**



Kentucky Office of State Archaeology
University of Kentucky, 1020A Export Street, Lexington, KY 40506
Phone:859-257-1944 Fax:859-323-1698 email:ky-osa@lsv.uky.edu

Confidential Information
Not for Public Release

Preliminary Records Review Coversheet

Date Request Processed: 11/19/2020

Preliminary Review Number: 277308

Paid via: Check (Check No.:)

Credit Card (Transaction ID: 1588887818)

If you have any questions, please contact KyOSA at (859)257-1944 or ky-osa@lsv.uky.edu.

Kentucky Office of State Archaeology

University of Kentucky, 1020A Export Street, Lexington, KY 40506
Phone:859-257-1944 Fax:859-323-1698 email:ky-osa@lsv.uky.edu

**Confidential Information
Not for Public Release**

Prelim Review Number: 277308

Review Performed On: 11/19/2020

This report includes only previously recorded archaeological resources within your project area and its immediate vicinity and may not be exhaustive of all archaeological resources actually present. **This information does not constitute Section 106 consultation or 'clearance' from the KHC/SHPO.**

Review Results

There are no **previously recorded archaeological sites** within your project area or an additional 30 m buffer.

Attachments

ATTACHMENT B

Photographic Log



Client:	Martin County Solar, LLC	Project:	Martin County Solar Project
Site Name:	Cultural Resources Report	Site Location:	Martin County, Kentucky
Photograph ID: 1			
Photo Location: Cemetery-02			
Direction:			
Survey Date: 11/2/2020			
Comments:			
Photograph ID: 2			
Photo Location: Cemetery-03			
Direction:			
Survey Date: 11/2/2020			
Comments:			

Client:	Martin County Solar, LLC	Project:	Martin County Solar Project
Site Name:	Cultural Resources Report	Site Location:	Martin County, Kentucky

Photograph ID: 3	
Photo Location: Cemetery-04	
Direction:	
Survey Date: 10/31/2020	
Comments:	