



Kane County
Hampshire
16N845 & 17N030 Reinking Rd
Sections: 18, 19-Township: 42N-Range: 7E
IEPA
New Construction, Rutland West Solar Farm LLC

PLEASE REFER TO: SHPO LOG #007102124

SURVEY REQUEST

November 3, 2024

Robert McNeill
Surya Powered
141 W. Jackson Blvd.
Suite 1692
Chicago, IL 60604

The Illinois State Historic Preservation Office is required by the Illinois State Agency Historic Resources Preservation Act (20 ILCS 3420, as amended, 17 IAC 4180) to review all state funded, permitted, or licensed undertakings for their effect on cultural resources. We have received information indicating that the referenced project will, pursuant to that law, require comments from our office and our comments follow. Should you have any contrary information, please contact our office at the number below.

According to the information provided there is no federal involvement in your project. Be aware that the state law is less restrictive than the federal cultural resource laws concerning archaeology. Therefore, if your project will use federal loans or grants, need federal agency permits, or is on federal property then your project must be reviewed by us pursuant to the National Historic Preservation Act of 1966, as amended. Please notify us immediately if such is the case.

Portions of the project area are within a zone adjacent to South Branch Kishwaukee River with a high probability of containing significant archaeological resources. Accordingly, a Phase I archaeological **survey** to locate, identify, and record all archaeological resources within these zones, at a legal minimum, will be **required**. This decision is based upon our understanding that there has not been any large-scale disturbance of the ground surface (excluding agricultural activities) or major construction activity within the project area which would have destroyed existing cultural resources prior to your project. If the area has been disturbed, please contact our office with the appropriate written and/or photographic evidence. Our most recently updated list of archaeological contractors, maintained as a courtesy, is available on our website. A copy of our letter with the SHPO Log Number should be provided to the selected archaeological contractor to ensure that the survey results are connected to your project.

If you have questions, please contact Jeff Kruchten, Principal Archaeologist, at 217/785-1279 or jeff.kruchten@illinois.gov.

Project effects to historic properties within the visual APE are under review. If you have additional questions about this, please contact Steve Dasovich, Cultural Resources Manager, at 217/782-7441 or steve.dasovich@illinois.gov.

Sincerely,

Carey L. Mayer, AIA
Deputy State Historic Preservation Officer

**Phase I Archaeological Survey of the
108 Acre East and West Solar Farm
Hampshire, Kane County, Illinois**

SHPO Log #006102124

SHPO Log #007102124

Prepared for:

Mr. Akshar Patel
Managing Partner
Surya Powered LLC
141 W. Jackson Blvd, Suite 1692
Chicago, Illinois 60604

Prepared by:

Cynthia L. Balek, Ph.D., RPA 15689
Archaeology and Geomorphology Services
2220 Mayfair Avenue
Westchester, Illinois 60154

November 26, 2024

ARCHAEOLOGICAL SURVEY SHORT REPORT

Illinois Historic Preservation Office
Illinois Department of Natural Resources
One Natural Resources Way
Springfield, IL 62702

Reviewer: _____
Date: _____

Accepted _____ Rejected _____
SHPO USE ONLY (Form ASSR0886)

SHPO Log #006102124 & 007102124

Locational Information and Survey Conditions

County: Kane

Quadrangle: Pingree Grove 7.5'

Project Type/Title: Solar Farm/Hampshire Solar Farm

Funding and/or Permitting Agencies (i.e., CoE, HUD, IEPA, FmHA, etc.): IEPA

Location: Sec: 18 T 42N R7E

Natural Division (No.): 3a (Schwegman 1973)

U.T.M.: N. 4662430 to N. 46463357 and E. 379125 o E. 379926

Project Description: The project area consists of 108 acres that is slated for development of a solar farm. It is bordered on the north by Big Timber Road and Reinking Road, on the east by a field break, on the west by a tree line, and on the south by a ditch. The project area is bisected into east and west portions by Reinking Road.

Topography: The project area is located on dissected glacial lake plain (Grimley 2005).

Soils: The soils are mapped as Camden, Brenton, Drummer, Millbrook, Barony, Somonauk, Houghton muck, Selma, and Clare (NRCS 2024a).

Drainage: South Branch of the Kishwaukee River

Land Use/Ground Cover (Include % Visibility): At the time of the survey, the project area was plowed with 75% average visibility.

Survey Limitations: None

Archaeological and Historical Information

Historic Plats/Atlases/Sources: See References Cited.

Previously Reported Sites: There are no previously recorded sites within the project area. However, there are more than 20 archaeological sites reported within a 1.5 km radius of the project area.

Previous Surveys: None

Regional Archaeologists Contacted: IAS (2024)

Investigation Techniques: The project area was investigated via 5 m interval pedestrian survey, reduced to less than 5 m where artifacts were found.

Time Expended: 4 days

Sites/Find Spots Located: 11K1514-11K1521

Cultural Material: Lithics, historic materials

(Curated at): NA

Collection Techniques: Not collected

Area Surveyed (acres & square meters): 108 acres (437,076 m²)

(Form ASSR0886)

ASSR0886

Results of Investigation and Recommendations: (check one)

- Phase I archaeological reconnaissance has located no archaeological material; project clearance is recommended.
- Phase I archaeological reconnaissance has located archaeological materials; site(s) does (do) not meet requirements for National Register eligibility; project clearance is recommended.
- Phase I archaeological reconnaissance has located archaeological materials; site(s) may meet requirements for National Register eligibility; further testing is recommended.
- Phase II archaeological investigation has indicated that site(s) does (do) not meet requirements for National Register eligibility; project clearance is recommended.
- Phase II archaeological investigation has indicated that site(s) meet requirements for National Register eligibility; formal report is pending and a determination of eligibility is recommended.

Comments: See Continuation Page

Archaeological Contractor Information:

Archaeological Contractor: Archaeology and Geomorphology Services

Address/Phone: 2220 Mayfair Avenue, Westchester, Illinois 60154

(708) 308-4713

Surveyor(s): C. Balek

Survey Date(s): November 13, 15-17, 2024

Report Completed By: Cynthia L. Balek

Date: November 26, 2024

Submitted By (Signature and Title):



Attachment Check List: (#1 Through #4 are MANDATORY)

- _x_1) Relevant portion of USGS 7.5' topographic quadrangle map(s) showing project location and any recorded sites;
- _x_2) Project map(s) depicting survey limits and, when applicable, approximate site limits and concentration of cultural materials;
- _x_3) Site form(s): (one copy of each form);
- _x_4) All relevant project correspondence;
- _x_5) Additional information sheets as necessary.

Address Of Contracting Agency To Whom SHPO Comment Should Be Mailed:

Reviewers Comments:

CONTINUATION PAGE

A Phase I archaeological reconnaissance of the 108 acre East and West Solar Farm in Hampshire, Kane County, Illinois was conducted. The project area is located in the SW1/4 of the SE1/4 of Section 18 and in the NE1/4 of Section 19, T42N, R7E of the Third Principal Meridian (Figure 1). It is bordered on the north by Big Timber Road and Reinking Road, on the east by a field break, on the west by a tree line, and on the south by a ditch. The project area is bisected into east and west portions by Reinking Road (Figure 2).

A review of the site files maintained by the Illinois State Museum revealed that the project area had not been previously surveyed, nor are there any previously recorded archaeological sites within the project area (IIAS 2024). However, there are more than 20 archaeological sites reported within a 1.5 km radius of the project area. At the time of the General Land Office (GLO) survey in 1839, the project area was in timber (Figure 3). No structures are depicted in the project area on the 1839 GLO map (Figure 3). Examination of the Illinois Public Domain Land Tract Sales Database indicates that the portion of the project area in Section 18 was initially purchased from the government by Thomas Martin on October 6, 1845 (ISA 2024). The portion of the project area in the E1/2 of the NE1/4 of Section 19 was initially purchased by David C. Brady on September 5, 1839 and the portion in the NW1/4 of the NE1/4 by Pellum C. Teeple on November 27, 1841 (ISA 2024).

A structure is first depicted in the project area on the 1860 map in the extreme northwest part of the project area (Figure 3). This structure, which is herein recorded as site **11K1518**, is gone by 1872. Two new structures are depicted in the project area on the 1872 map (Figure 3). Located across the street from one another, they are herein recorded as site **11K1516**. A fourth structure is shown on the 1892 and 1904 maps at the SE/c of the intersection of Reinking and Big Timber Roads (Figure 3). This area of former structure is herein recorded as site **11K1520**. A fifth structure is depicted on the 1967 aerial at the SW/c of the intersection of Reinking and Big Timber Roads and is herein recorded as site **11K1517**. By 2024, there is only one structure left standing, a concrete silo associated with site **11K1516**.

The project area is located on dissected glacial lake plain (Grimley 2005) and exhibits a nearly level to gently undulating topography with low rises and intervening swales. The crests and slopes of some of the rises are eroded and the soil B horizon occurs at the surface. There are nine soils mapped in the project area. Poorly drained soils cover 34% of the project area and include Drummer silty clay loam, Houghton muck, and Selma loam (NRCS 2024a). The somewhat poorly drained Millbrook and Brenton silt loams are mapped in 19% of the project area, moderately well drained soils (Barony, Somonauk, and Clare) occur in 42%, and the well drained and eroded Camden silt loam occurs in 5% of the project area. The poorly drained soils formed under hydrophytic grasses, reeds, and sedges whereas the other soils formed under either mixed hardwood forest, prairie, or a combination of hardwoods and prairie (NRCS 2024b).

At the time of investigation, the vast majority of the project area was recently plowed with 75% average visibility (Figure 2). A small area of grass and trees surrounded the extant concrete silo. The project area was investigated via parallel transects walked at 5 m intervals, reduced to less than 5 m in areas of artifacts. The small area of grass and trees surrounding the silo was visually inspected.

Eight new archaeological sites were identified during this investigation.

11K1514 is an extremely low density prehistoric lithic scatter of unknown temporal and cultural affiliation. The site is located on the crest of a small low rise on dissected glacial lake plain (Figures 1-2). The site was identified based on the presence of two tertiary flakes (Figure 4). This site is recommended as not potentially eligible for the NRHP based on the presence of only two artifacts. No further archaeological investigations are recommended.

11K1515 is a widely scattered low density Late Archaic lithic scatter on the eroded upper slopes and crest of a relatively large, low rise on dissected glacial lake plain (Figures 1-2). The site was identified based on the presence of a secondary flake, a tertiary flake, three broken flakes, two nondiagnostic biface fragments, and a possible Pomranky point (Figure 4). Pomranky points date from 1300 to 500 B.C. and are widely scattered throughout the Great Lakes region (Justice 1987). This point, which measures 52.5 mm long and 33 mm wide, possesses attributes typical for the Pomranky, such as a wide trianguloid shape with excurvate blade edges and oblique orientation of the base (Justice 1987). This site exhibits no artifacts, such as fire cracked rock, that would suggest the possible presence of subsurface features. This site is recommended as not potentially eligible for the NRHP based on the limited number of artifacts scattered over a large area and the absence of artifacts that would suggest possible features. No further archaeological investigations are recommended.

11K1516 is an Early Industrial to Post War (1872-2015) era historic farmstead with standing structure, concrete slabs, foundation, and artifact scatter. The site is situated on a low rise on dissected glacial lake plain on both the east and west sides of Reinking Road (Figures 1-2). The portion of the site on the west side of the road contains a concrete silo, concrete slabs, and concrete foundations while the portion on the east side contains the artifact scatter (Figure 5). Artifacts include stoneware (Bristol slip exterior/Albany slip interior and salt glazed exterior with Albany slip interior), brick fragments, window glass, bottle glass, concrete chunks, porcelain, whiteware (plain, blue transfer print, flow blue), milk glass, iron, and clothing fragments. A structure is depicted in the site area from 1872 to 2015 (Figure 3). The property on which the site is located was owned by three different families throughout the 130 years that the farmstead existed. Presumably, all three families occupied the site. This site is recommended as not potentially eligible for the NRHP as it is unlikely to satisfy Criterion D owing to its long history of occupation by more than one family. No further archaeological investigations are recommended.

11K1517 is a Post War (1967-2020) era historic artifact scatter. The site is located along the west side of Reinking Road on an eroded rise on dissected glacial lake plain (Figures 1-2). A structure is depicted in the site area from 1967 to 2020 (Figure 3). The structure was a ranch style house (Figure 6) that has been completely demolished. The artifacts observed at the site are dominated by limestone, asphalt rubble, and concrete chunks. A porcelain ceramic sherd and bottle glass shard are the only domestic type artifacts that were observed (Figure 6). This site is recommended as not potentially eligible for the NRHP as it is unlikely to satisfy Criterion D. No further archaeological investigations are recommended.

11K1518 is an extremely low density multicomponent prehistoric and Frontier and Urban Industrial (1860-1911) era artifact scatter. The site is situated on a nearly level portion of dissected glacial lake plain in the extreme northern part of the project area (Figures 1-2). A structure is shown in the site area on the 1860 map only (Figure 3). However, the artifact scatter does not contain any structural materials like brick, nails, or window glass, to suggest the former presence of a structure. The artifacts do include four shards of bottle glass (1 green and 1 clear round body shard, 2 clear round bases) and a blue transfer print whiteware sherd (Figure 7). One of the bottle bases is embossed with the makers mark B R G Co. CHICAGO. The B.R.G. Co. represents the Blair-Ruehl Glass Company dating from about 1905 to 1911 (SHA 2024). The prehistoric component is represented by a tertiary flake (Figure 7). This site is recommended as not potentially eligible for the NRHP owing to the uncertainty of a Frontier occupation. No further archaeological investigations are recommended.

11K1519 is an extremely small low density prehistoric lithic scatter of unknown temporal and cultural affiliation. The site is located on a nearly level portion of dissected glacial lake plain (Figures 1-2). The site was identified based on the presence of a tertiary flake and the base to a drill (Figure 7). This site is recommended as not potentially eligible for the NRHP based on the presence of only two nondiagnostic artifacts. No further archaeological investigations are recommended.

11K1520 is an Early Industrial to Urban Industrial (1892-1904) era historic artifact scatter. The site is situated on a low rise on dissected glacial lake plain (Figures 1-2). A house is depicted in the site area on the 1892 and 1904 maps (Figure 3). The owner(s) of the property are not listed. Artifacts found at the site

include stoneware (Bristol slip exterior/Albany slip interior and plain exterior/Albany slip interior), brick fragments, window glass, bottle glass, whiteware (plain, gray transfer print), milk glass, iron, and plastic button (Figure 8). The base of one of the whiteware sherds has the makers mark HOMER LAUGHLIN under "Premium Stone China". The Homer Laughlin China Company was based out of East Liverpool, Ohio and manufactured dinnerware beginning in 1877 and continuing today (Kovel & Kovel 1986). This site is recommended as not potentially eligible for the NRHP as it is unlikely to satisfy Criterion D owing to its relatively recent occupation by an unknown family. No further archaeological investigations are recommended.

11K1521 is a prehistoric isolated find of unknown temporal and cultural affiliation. The site is located on a nearly level portion of dissected glacial lake plain (Figures 1-2). The site was identified based on the presence of a broken flake (Figure 8). This site is recommended as not potentially eligible for the NRHP based on the presence of only a single nondiagnostic artifact. No further archaeological investigations are recommended.

REFERENCES CITED

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Esri

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Thompson and Everts

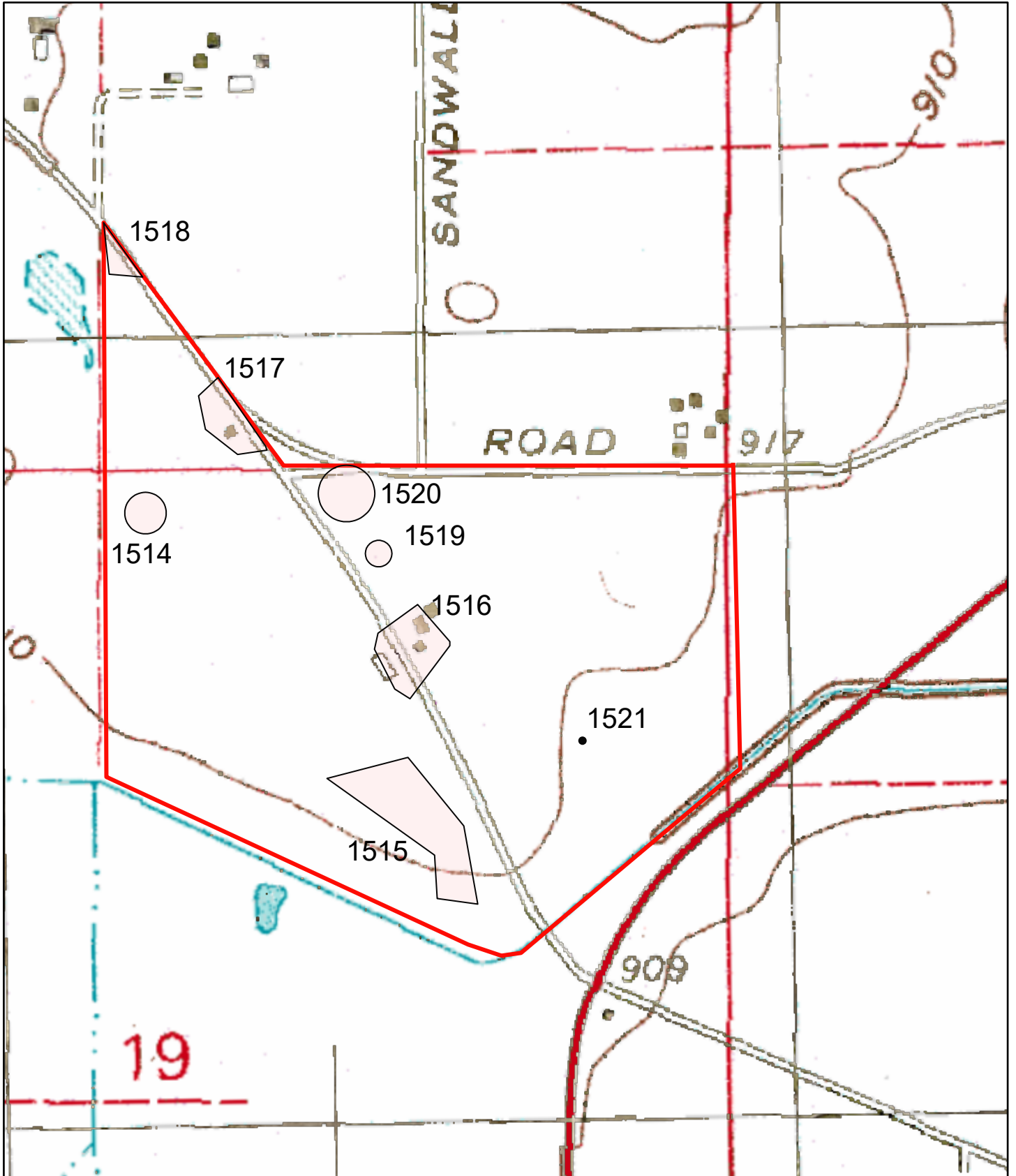
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United States Geological Survey (USGS)

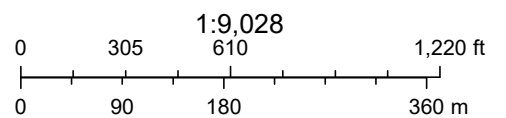
1992 *Pingree Grove, Illinois 7.5' Quadrangle*. United States Geological Survey, Washington, D.C.

FIGURES

Figure 1. Project area location (USGS 1992).



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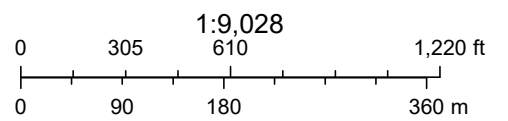


Kane County, IL/EagleView, Maxar

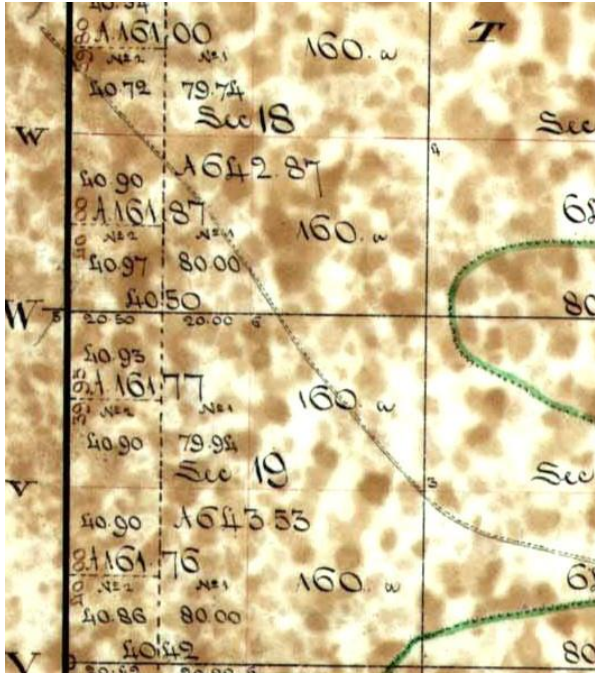
Figure 2. Aerial photo of project area and sites (Esri 2024).



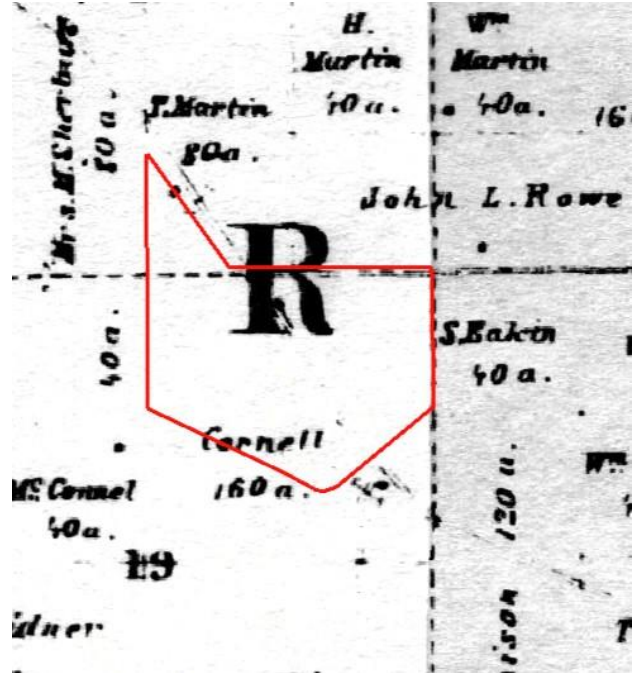
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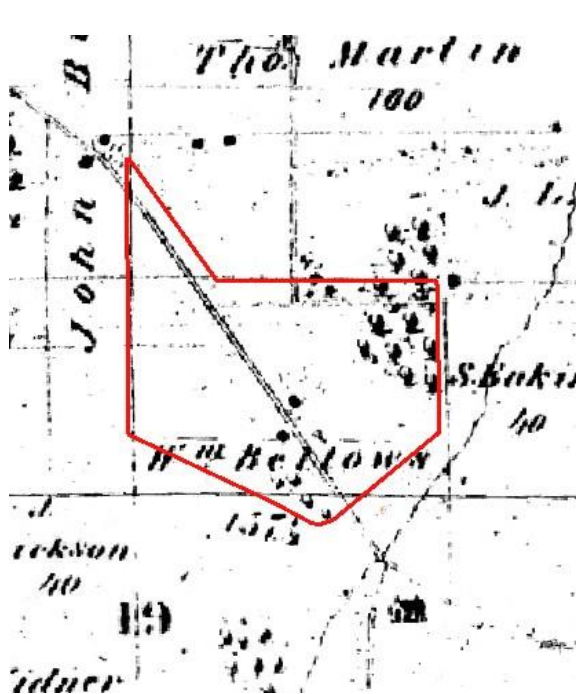
Kane County, IL/EagleView, Maxar



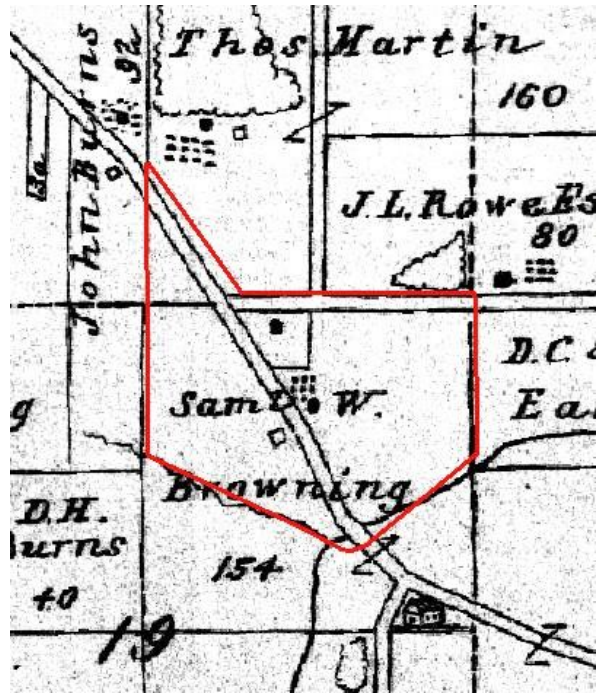
GLO (1839)



Mann (1860)

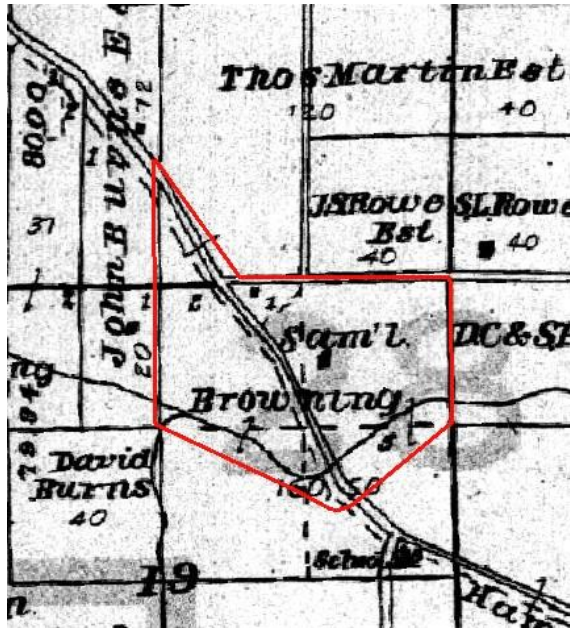


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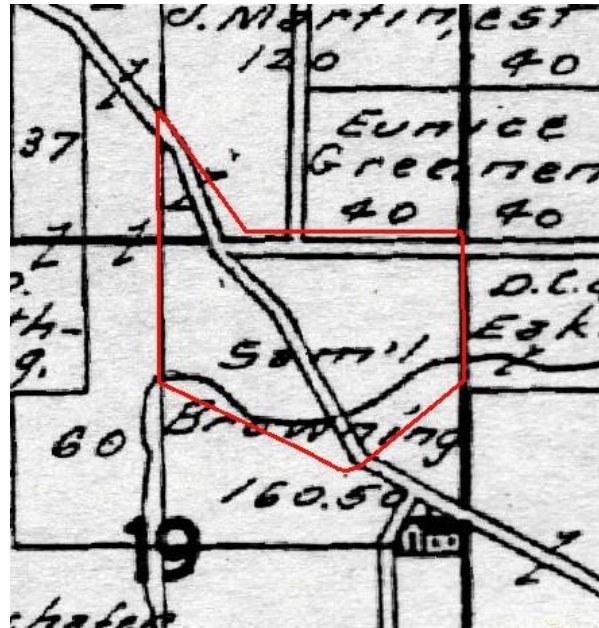


Ensign & Co. (1892)

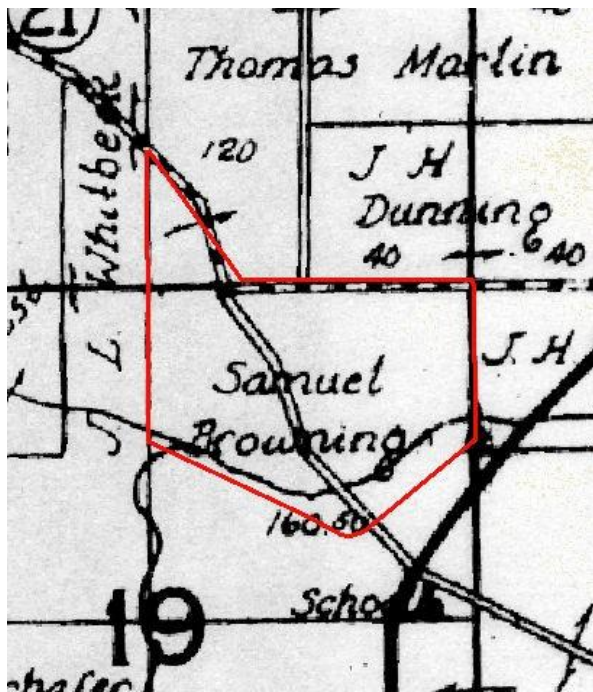
Figure 3. Historic maps of project area. (Continued on next page.)



Middle-West (1904)



Elgin Currier (1921)

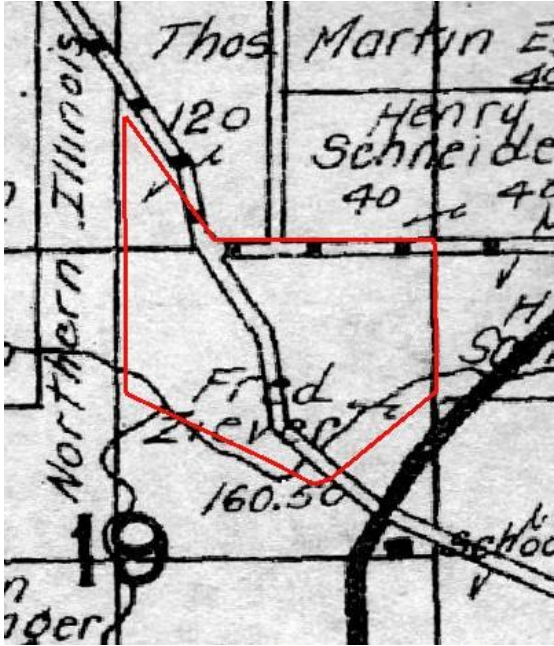


Hixson & Co. (1935)

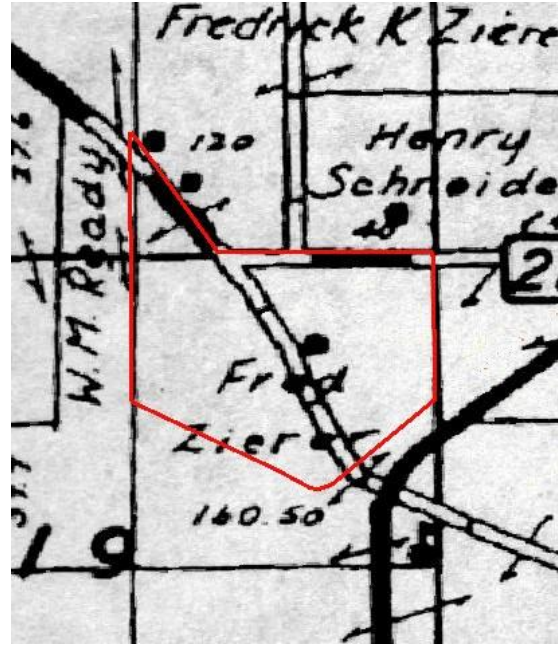


ISGS (1939)

Figure 3 (cont). Historic maps of project area. (Continued on next page.)



W.W. Hixson & Co. (1942)



Rockford Map Publishers (1950)



ISGS (1961)

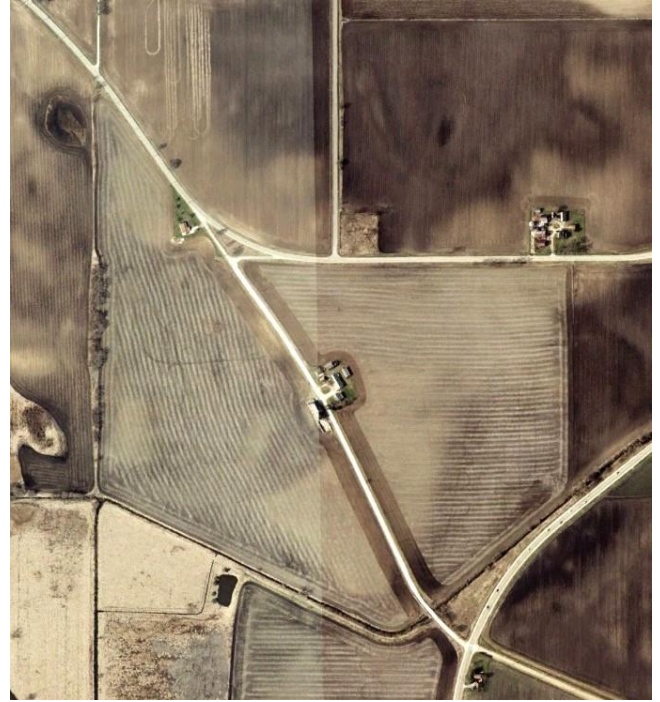


ISGS (1967)

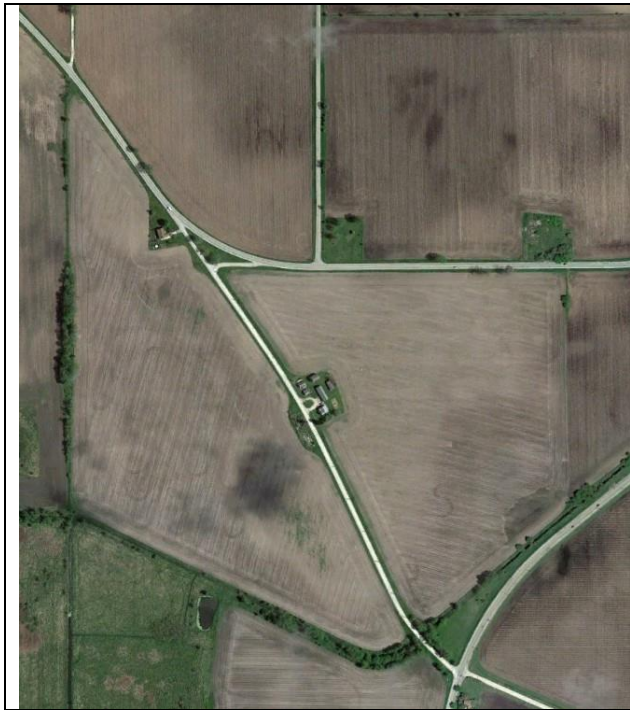
Figure 3 (cont). Historic maps of project area. (Continued on next page.)



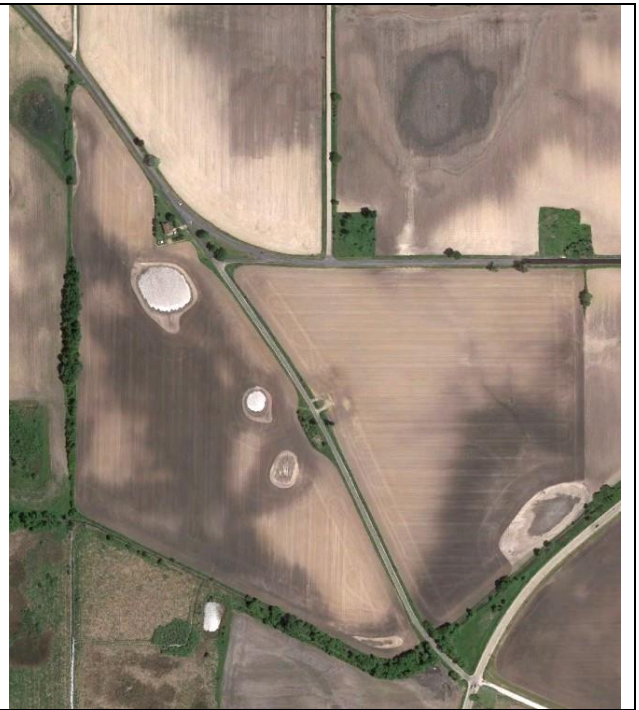
Google Earth (1993)



Google Earth (2002)

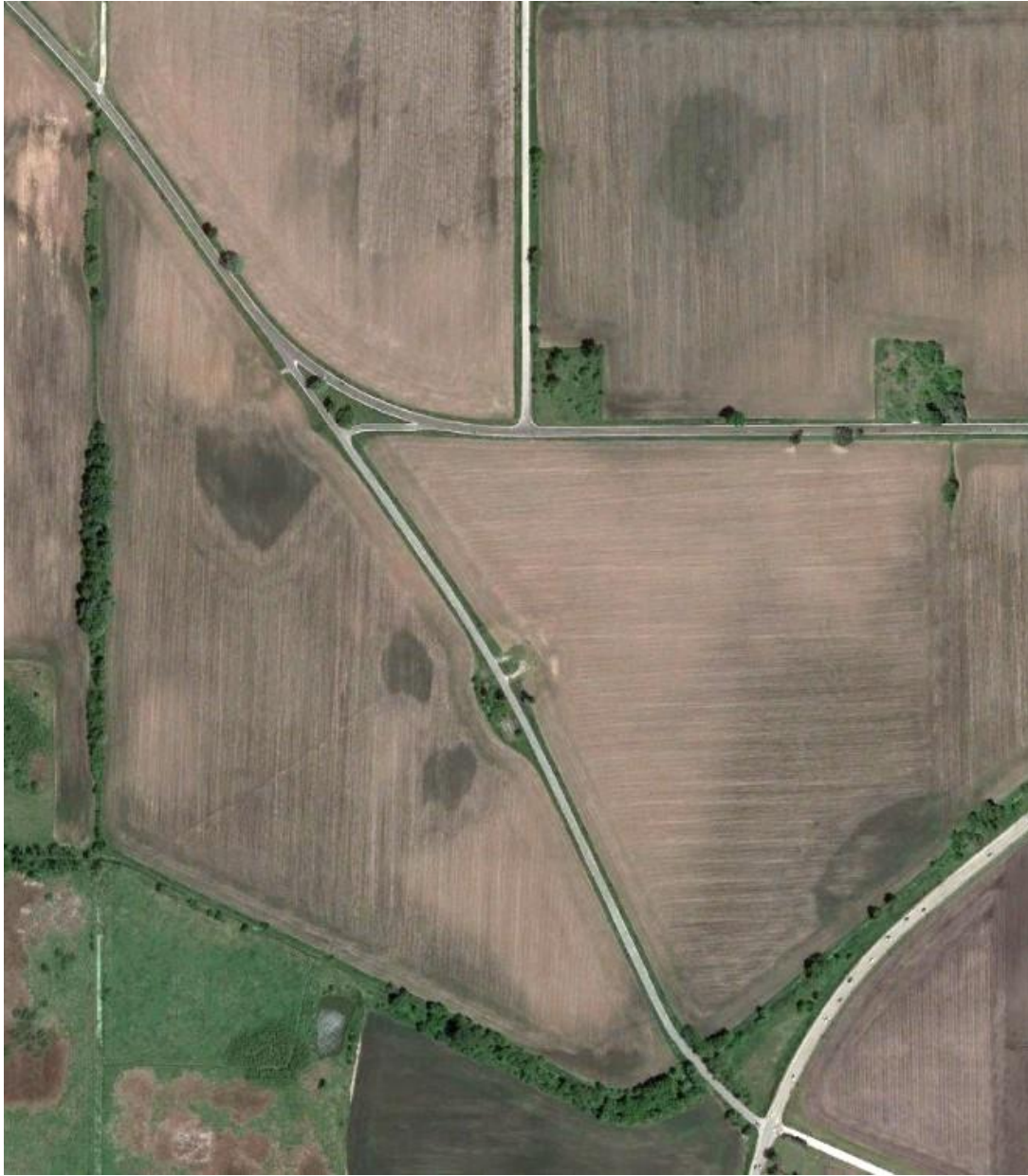


Google Earth (2015)



Google Earth (2020)

Figure 3 (cont). Historic maps of project area. (Continued on next page.)



Google Earth (2021)

Figure 3 (cont). Historic maps of project area.



Site 11K1514: 2 tertiary flakes



Site 11K1515: tertiary flake (top)

Second row (left to right): secondary flake, broken flake, biface fragment

Third row (left to right): broken flake, Pomranky point, broken flake

Fourth row (left to right): biface fragment, broken flake

Figure 4. Photos of artifacts associated with sites 11K1514 and 11K1515.



Figure 5. Photos of site 11K1516 concrete silo and slabs. (Continued on next page.)



Figure 5 (cont). Photos of site 11K1516 concrete foundations and selected artifacts.



Google Earth (2019)



Figure 6. Photos of site 11K1517 former house and artifacts.



Bottle glass, blue transfer print whiteware, and tertiary flake (the beige colored item)



Drill base (left) and tertiary flake (right)

Figure 7. Photos of artifacts associated with site 11K1518 (top) and site 11K1519 (bottom).



Selected historic artifacts



Broken flake

Figure 8. Photos of artifacts associated with sites 11K1520 (top) and 11K1521 (bottom).

SITE FORMS

Illinois Archaeological Site Recording Form

County Kane Site Name Revisit N
Field No. AGS1 7.5' Quadrangle Pingree Grove County Site No. 1514
Ownership Private Meridian 3 Township 42 N Range 7 E Section 19 Recorded 2024.11.25
WGS84 Latitude 42.109737 Longitude -88.461293 Site Area (sq. m) 1,988
UTM Nad83 Zone 16 UTM North 4,662,993 UTM East 379,186

Known Alternate Names

ENVIRONMENT

Topography Other Upland Drainage Basin Kishwaukee
Nearest Water Supply South Br Kishwaukee River Elevation (meters AMSL) 277
Soil Association Plano-Elburn-Drummer (s2247)
Description The site is an extremely low density lithic scatter on the crest of a small low rise on dissected glacial lake plain.

SURVEY

Project Name Hampshire East & West Solar Farm Project Type Phase I CRM
Ground Cover Bare Surface Visibility % 75
Survey Methods Pedestrian
Site Type Other Standing Structure N

SITE CONDITION

Extent of Damage Moderate Main Cause of Damage Agriculture

MATERIALS OBSERVED

Survey Sampling Strategy Total Observation
Number of Prehistoric Artifacts (count or estimate) 2 Number of Historic Artifacts (count or estimate) 0
Prehistoric Diagnostic Artifacts N Historic Diagnostic Artifacts N
Prehistoric Surface Features N Historic Surface Features N
Prehistoric Buried Features N Ave. Depth (cm) 0 Historic Buried Features N Ave. Depth (cm) 0

Description Two tertiary flakes were found on the surface.

TEMPORAL AFFILIATION

Y Prehistoric Unknown Woodland Protohistoric Frontier Antebellum (1841-April 11, 1861)
Paleoindian Early Woodland Historic Native American Civil War (April 12, 1861-April 9, 1865)
Archaic Middle Woodland Historic (generic) Frontier Post-Civil War (April 10, 1865-1870)
Early Archaic Late Woodland Colonial (1673-1780) Early Industrial (1871-1900)
Middle Archaic Mississippian Pioneer (1781-1840) Urban Industrial (1901-1945)
Late Archaic Upper Mississippian Frontier (generic; 1841-1870) Post-War (1946-present)

Description No diagnostics were found.

Surveyor Balek Institution AGS Survey Date 2024.11.13 Curation Facility N/A
Form By Balek Institution AGS Report Date 2024.11.22 NRHP Listing N
SHPO Log No. SHPO 1st Survey Doc No.
Compliance Status HRP A N

Illinois Archaeological Site Recording Form

County Kane Site Name Revisit N
Field No. AGS2 7.5' Quadrangle Pingree Grove County Site No. 1515
Ownership Private Meridian 3 Township 42 N Range 7 E Section 19 Recorded 2024.11.25
WGS84 Latitude 42.106199 Longitude -88.457151 Site Area (sq. m) 13,355
UTM Nad83 Zone 16 UTM North 4,662,594 UTM East 379,522

Known Alternate Names

ENVIRONMENT

Topography Other Upland Drainage Basin Kishwaukee
Nearest Water Supply South Br Kishwaukee River Elevation (meters AMSL) 277
Soil Association Plano-Elburn-Drummer (s2247)

Description The site is a widely scattered low density Late Archaic lithic scatter on the eroded upper slopes and crest of a relatively large, low rise on dissected glacial lake plain.

SURVEY

Project Name Hampshire East & West Solar Farm Project Type Phase I CRM
Ground Cover Bare Surface Visibility % 75
Survey Methods Pedestrian
Site Type Unknown Standing Structure N

SITE CONDITION

Extent of Damage Moderate Main Cause of Damage Agriculture

MATERIALS OBSERVED

Survey Sampling Strategy Total Observation

Number of Prehistoric Artifacts (count or estimate) 8 Number of Historic Artifacts (count or estimate) 0
Prehistoric Diagnostic Artifacts Y Prehistoric Surface Features N Prehistoric Buried Features N Ave. Depth (cm) 0
Historic Diagnostic Artifacts N Historic Surface Features N Historic Buried Features N Ave. Depth (cm) 0

Description Artifacts include 1 secondary flake, 1 tertiary flake, 3 broken flakes, 2 biface fragments, and a possible Pomranky point.

TEMPORAL AFFILIATION

Prehistoric Unknown Woodland Protohistoric Frontier Antebellum (1841-April 11, 1861)
Paleoindian Early Woodland Historic Native American Civil War (April 12, 1861-April 9, 1865)
Archaic Middle Woodland Historic (generic) Frontier Post-Civil War (April 10, 1865-1870)
Early Archaic Late Woodland Colonial (1673-1780) Early Industrial (1871-1900)
Middle Archaic Mississippian Pioneer (1781-1840) Urban Industrial (1901-1945)
Late Archaic Upper Mississippian Frontier (generic; 1841-1870) Post-War (1946-present)

Description Pomranky points date to the Late Archaic (1300-500 B.C.) (Justice 1987).

Surveyor Balek Institution AGS Survey Date 2024.11.16 Curation Facility N/A
Form By Balek Institution AGS Report Date 2024.11.22 NRHP Listing N
SHPO Log No. SHPO 1st Survey Doc No.
Compliance Status HRP A N

Illinois Archaeological Site Recording Form

County Kane Site Name Revisit N
Field No. AGS3 7.5' Quadrangle Pingree Grove County Site No. 1516
Ownership Private Meridian 3 Township 42 N Range 7 E Section 19 Recorded 2024.11.25
WGS84 Latitude 42.108181 Longitude -88.457254 Site Area (sq. m) 7,709
UTM Nad83 Zone 16 UTM North 4,662,814 UTM East 379,517

Known Alternate Names

ENVIRONMENT

Topography Other Upland Drainage Basin Kishwaukee
Nearest Water Supply South Br Kishwaukee River Elevation (meters AMSL) 277
Soil Association Plano-Elburn-Drummer (s2247)

Description The site is a former farmstead with standing structure and artifact scatter situated on a low rise on dissected glacial lake plain. It occurs on the west and east sides of Reinking Road.

SURVEY

Project Name Hampshire East & West Solar Farm Project Type Phase I CRM
Ground Cover Bare Brush Grass Surface Visibility % 75
Survey Methods Pedestrian
Site Type Habitation Standing Structure Y

SITE CONDITION

Extent of Damage Destroyed Main Cause of Damage Development

MATERIALS OBSERVED

Survey Sampling Strategy Representative Sample Observation

Number of Prehistoric Artifacts (count or estimate) 0 Number of Historic Artifacts (count or estimate) 75

Prehistoric Diagnostic Artifacts Prehistoric Surface Features Prehistoric Buried Features Ave. Depth (cm) 0
Historic Diagnostic Artifacts Historic Surface Features Historic Buried Features Ave. Depth (cm) 0

Description The site contains a concrete silo, concrete slabs and foundations, and artifact scatter (stoneware, whiteware, window glass, bottle glass, procelain, iron, clothing fragments.

TEMPORAL AFFILIATION

Prehistoric Unknown Woodland Protohistoric Frontier Antebellum (1841-April 11, 1861)
Paleoindian Early Woodland Historic Native American Civil War (April 12, 1861-April 9, 1865)
Archaic Middle Woodland Historic (generic) Frontier Post-Civil War (April 10, 1865-1870)
Early Archaic Late Woodland Colonial (1673-1780) Y Early Industrial (1871-1900)
Middle Archaic Mississippian Pioneer (1781-1840) Y Urban Industrial (1901-1945)
Late Archaic Upper Mississippian Frontier (generic; 1841-1870) Y Post-War (1946-present)

Description At least one structure appears in the site area on the 1872 (Thompson & Everts 1872) to 2015 (Google Earth 2015) maps/aerials.

Surveyor Balek Institution AGS Survey Date 2024.11.15 Curation Facility N/A
Form By Balek Institution AGS Report Date 2024.11.22 NRHP Listing N
SHPO Log No. SHPO 1st Survey Doc No.
Compliance Status HRP A N

Illinois Archaeological Site Recording Form

County Kane **Site Name** _____ **Revisit** N
Field No. AGS4 **7.5' Quadrangle** Pingree Grove **County Site No.** 1517
Ownership Private **Meridian** 3 **Township** 42 N **Range** 7 E **Section** 18 **Recorded** 2024.11.25
WGS84 Latitude 42.110721 **Longitude** -88.460053 **Site Area (sq. m)** 3,614
UTM Nad83 Zone 16 **UTM North** 4,663,100 **UTM East** 379,291

Known Alternate Names

ENVIRONMENT

Topography Other Upland **Drainage Basin** Kishwaukee
Nearest Water Supply South Br Kishwaukee River **Elevation (meters AMSL)** 277
Soil Association Plano-Elburn-Drummer (s2247)
Description The site is an historic artifact scatter situated on an eroded rise on dissected glacial lake plain.

SURVEY

Project Name Hampshire East & West Solar Farm **Project Type** Phase I CRM
Ground Cover Bare **Surface Visibility %** 75
Survey Methods Pedestrian
Site Type Habitation **Standing Structure** N

SITE CONDITION

Extent of Damage Destroyed **Main Cause of Damage** Development

MATERIALS OBSERVED

Survey Sampling Strategy Total Observation
Number of Prehistoric Artifacts (count or estimate) 0 **Number of Historic Artifacts (count or estimate)** 5
 N **Prehistoric Diagnostic Artifacts** Y **Historic Diagnostic Artifacts**
 N **Prehistoric Surface Features** N **Historic Surface Features**
 N **Prehistoric Buried Features** **Ave. Depth (cm)** 0 N **Historic Buried Features** **Ave. Depth (cm)** 0

Description The artifacts are dominated by limestone, asphalt and concrete chunks. A porcelain ceramic sherd and bottle glass shard were also found.

TEMPORAL AFFILIATION

- | | | | |
|--|--|--|--|
| <input type="checkbox"/> Prehistoric Unknown | <input type="checkbox"/> Woodland | <input type="checkbox"/> Protohistoric | <input type="checkbox"/> Frontier Antebellum (1841-April 11, 1861) |
| <input type="checkbox"/> Paleoindian | <input type="checkbox"/> Early Woodland | <input type="checkbox"/> Historic Native American | <input type="checkbox"/> Civil War (April 12, 1861-April 9, 1865) |
| <input type="checkbox"/> Archaic | <input type="checkbox"/> Middle Woodland | <input type="checkbox"/> Historic (generic) | <input type="checkbox"/> Frontier Post-Civil War (April 10, 1865-1870) |
| <input type="checkbox"/> Early Archaic | <input type="checkbox"/> Late Woodland | <input type="checkbox"/> Colonial (1673-1780) | <input type="checkbox"/> Early Industrial (1871-1900) |
| <input type="checkbox"/> Middle Archaic | <input type="checkbox"/> Mississippian | <input type="checkbox"/> Pioneer (1781-1840) | <input type="checkbox"/> Urban Industrial (1901-1945) |
| <input type="checkbox"/> Late Archaic | <input type="checkbox"/> Upper Mississippian | <input type="checkbox"/> Frontier (generic; 1841-1870) | <input type="checkbox"/> Y Post-War (1946-present) |

Description A structure is depicted in the site area on the 1967 (SGS 1967) to 2020 (Google Earth 2020) aerials.

Surveyor Balek **Institution** AGS **Survey Date** 2024.11.15 **Curation Facility** N/A
Form By Balek **Institution** AGS **Report Date** 2024.11.22 **NRHP Listing** N
SHPO Log No. _____ **SHPO 1st Survey Doc No.** _____
Compliance Status _____ **HRPA** N

Illinois Archaeological Site Recording Form

County Kane **Site Name** **Revisit** N
Field No. AGS5 **7.5' Quadrangle** Pingree Grove **County Site No.** 1518
Ownership Private **Meridian** 3 **Township** 42 N **Range** 7 E **Section** 18 **Recorded** 2024.11.25
WGS84 Latitude 42.112623 **Longitude** -88.461794 **Site Area (sq. m)** 1,710
UTM Nad83 Zone 16 **UTM North** 4,663,314 **UTM East** 379,151

Known Alternate Names

ENVIRONMENT

Topography Other Upland **Drainage Basin** Kishwaukee
Nearest Water Supply South Br Kishwaukee River **Elevation (meters AMSL)** 277
Soil Association Plano-Elburn-Drummer (s2247)

Description The site is an extremely low density prehistoric & Frontier & Urban Industrial artifact scatter on nearly level portion of dissected glacial lake plain.

SURVEY

Project Name Hampshire East & West Solar Farm **Project Type** Phase I CRM
Ground Cover Bare **Surface Visibility %** 75
Survey Methods Pedestrian
Site Type Unknown **Standing Structure**

SITE CONDITION

Extent of Damage Unknown **Main Cause of Damage**

MATERIALS OBSERVED

Survey Sampling Strategy Total Observation

Number of Prehistoric Artifacts (count or estimate) 1

Number of Historic Artifacts (count or estimate) 4

Prehistoric Diagnostic Artifacts

Historic Diagnostic Artifacts

Prehistoric Surface Features

Historic Surface Features

Prehistoric Buried Features **Ave. Depth (cm)** 0

Historic Buried Features **Ave. Depth (cm)** 0

Description Four bottle glass shards, 1 blue transfer print whiteware, & a tertiary flake were observed.

TEMPORAL AFFILIATION

<input checked="" type="checkbox"/> Prehistoric Unknown	<input type="checkbox"/> Woodland	<input type="checkbox"/> Protohistoric	<input type="checkbox"/> Frontier Antebellum (1841-April 11, 1861)
<input type="checkbox"/> Paleoindian	<input type="checkbox"/> Early Woodland	<input type="checkbox"/> Historic Native American	<input type="checkbox"/> Civil War (April 12, 1861-April 9, 1865)
<input type="checkbox"/> Archaic	<input type="checkbox"/> Middle Woodland	<input type="checkbox"/> Historic (generic)	<input type="checkbox"/> Frontier Post-Civil War (April 10, 1865-1870)
<input type="checkbox"/> Early Archaic	<input type="checkbox"/> Late Woodland	<input type="checkbox"/> Colonial (1673-1780)	<input type="checkbox"/> Early Industrial (1871-1900)
<input type="checkbox"/> Middle Archaic	<input type="checkbox"/> Mississippian	<input type="checkbox"/> Pioneer (1781-1840)	<input checked="" type="checkbox"/> Urban Industrial (1901-1945)
<input type="checkbox"/> Late Archaic	<input type="checkbox"/> Upper Mississippian	<input checked="" type="checkbox"/> Frontier (generic; 1841-1870)	<input type="checkbox"/> Post-War (1946-present)

Description No prehistoric diagnostics found. A structure is depicted in site area on the 1860 map (Mann 1860). A makers mark on a bottle base is the 1905-1911 B.R.G. Co (SHA 2024).

Surveyor Balek **Institution** AGS **Survey Date** 2024.11.15 **Curation Facility** N/A
Form By Balek **Institution** AGS **Report Date** 2024.11.23 **NRHP Listing** N
SHPO Log No. **SHPO 1st Survey Doc No.**
Compliance Status **HRPA** N

Illinois Archaeological Site Recording Form

County Kane **Site Name** **Revisit** N
Field No. AGS6 **7.5' Quadrangle** Pingree Grove **County Site No.** 1519
Ownership Private **Meridian** 3 **Township** 42 N **Range** 7 E **Section** 19 **Recorded** 2024.11.25
WGS84 Latitude 42.109385 **Longitude** -88.457961 **Site Area (sq. m)** 775
UTM Nad83 Zone 16 **UTM North** 4,662,949 **UTM East** 379,461

Known Alternate Names

ENVIRONMENT

Topography Other Upland **Drainage Basin** Kishwaukee
Nearest Water Supply South Br Kishwaukee River **Elevation (meters AMSL)** 277
Soil Association Plano-Elburn-Drummer (s2247)
Description The site is an extremely small low density lithic scatter on a nearly level portion of dissected glacial lake plain.

SURVEY

Project Name Hampshire East & West Solar Farm **Project Type** Phase I CRM
Ground Cover Bare **Surface Visibility %** 75
Survey Methods Pedestrian
Site Type Unknown **Standing Structure**

SITE CONDITION

Extent of Damage Moderate **Main Cause of Damage** Agriculture

MATERIALS OBSERVED

Survey Sampling Strategy Total Observation

Number of Prehistoric Artifacts (count or estimate) 2

Number of Historic Artifacts (count or estimate) 0

Prehistoric Diagnostic Artifacts

Historic Diagnostic Artifacts

Prehistoric Surface Features

Historic Surface Features

Prehistoric Buried Features **Ave. Depth (cm)** 0

Historic Buried Features **Ave. Depth (cm)** 0

Description A tertiary flake and the base to a drill were found.

TEMPORAL AFFILIATION

<input checked="" type="checkbox"/> Prehistoric Unknown	<input type="checkbox"/> Woodland	<input type="checkbox"/> Protohistoric	<input type="checkbox"/> Frontier Antebellum (1841-April 11, 1861)
<input type="checkbox"/> Paleoindian	<input type="checkbox"/> Early Woodland	<input type="checkbox"/> Historic Native American	<input type="checkbox"/> Civil War (April 12, 1861-April 9, 1865)
<input type="checkbox"/> Archaic	<input type="checkbox"/> Middle Woodland	<input type="checkbox"/> Historic (generic)	<input type="checkbox"/> Frontier Post-Civil War (April 10, 1865-1870)
<input type="checkbox"/> Early Archaic	<input type="checkbox"/> Late Woodland	<input type="checkbox"/> Colonial (1673-1780)	<input type="checkbox"/> Early Industrial (1871-1900)
<input type="checkbox"/> Middle Archaic	<input type="checkbox"/> Mississippian	<input type="checkbox"/> Pioneer (1781-1840)	<input type="checkbox"/> Urban Industrial (1901-1945)
<input type="checkbox"/> Late Archaic	<input type="checkbox"/> Upper Mississippian	<input type="checkbox"/> Frontier (generic; 1841-1870)	<input type="checkbox"/> Post-War (1946-present)

Description No diagnostics were found.

Surveyor Balek **Institution** AGS **Survey Date** 2024.11.16 **Curation Facility** N/A
Form By Balek **Institution** AGS **Report Date** 2024.11.23 **NRHP Listing** N
SHPO Log No. **SHPO 1st Survey Doc No.**
Compliance Status **HRPA** N

Illinois Archaeological Site Recording Form

County Kane Site Name Revisit N
Field No. AGS7 7.5' Quadrangle Pingree Grove County Site No. 1520
Ownership Private Meridian 3 Township 42 N Range 7 E Section 19 Recorded 2024.11.25
WGS84 Latitude 42.109912 Longitude -88.458368 Site Area (sq. m) 3,143
UTM Nad83 Zone 16 UTM North 4,663,008 UTM East 379,429

Known Alternate Names

ENVIRONMENT

Topography Other Upland Drainage Basin Kishwaukee
Nearest Water Supply South Br Kishwaukee River Elevation (meters AMSL) 277
Soil Association Plano-Elburn-Drummer (s2247)
Description The site is an historic artifact scatter on a low rise on dissected glacial lake plain.

SURVEY

Project Name Hampshire East & West Solar Farm Project Type Phase I CRM
Ground Cover Bare Surface Visibility % 75
Survey Methods Pedestrian
Site Type Habitation Standing Structure N

SITE CONDITION

Extent of Damage Destroyed Main Cause of Damage Development

MATERIALS OBSERVED

Survey Sampling Strategy Representative Sample Observation
Number of Prehistoric Artifacts (count or estimate) 0 Number of Historic Artifacts (count or estimate) 50
Prehistoric Diagnostic Artifacts Historic Diagnostic Artifacts
Prehistoric Surface Features Historic Surface Features
Prehistoric Buried Features Ave. Depth (cm) 0 Historic Buried Features Ave. Depth (cm) 0

Description Stoneware (Bristol, Albany, plain), whiteware (plain, gray transfer print), milk glass, bottle glass, window glass, brick, iron, and a plastic button were observed.

TEMPORAL AFFILIATION

Prehistoric Unknown Woodland Protohistoric Frontier Antebellum (1841-April 11, 1861)
Paleoindian Early Woodland Historic Native American Civil War (April 12, 1861-April 9, 1865)
Archaic Middle Woodland Historic (generic) Frontier Post-Civil War (April 10, 1865-1870)
Early Archaic Late Woodland Colonial (1673-1780) Early Industrial (1871-1900)
Middle Archaic Mississippian Pioneer (1781-1840) Urban Industrial (1901-1945)
Late Archaic Upper Mississippian Frontier (generic; 1841-1870) Post-War (1946-present)

Description A structure is shown in the site area on the 1892 (Ensign & Co. 1892) & 1904 (Middle-West 1904) maps.

Surveyor Balek Institution AGS Survey Date 2024.11.16 Curation Facility N/A
Form By Balek Institution AGS Report Date 2024.11.23 NRHP Listing N
SHPO Log No. SHPO 1st Survey Doc No.
Compliance Status HRP A N

Illinois Archaeological Site Recording Form

County Kane Site Name Revisit N
Field No. AGS8 7.5' Quadrangle Pingree Grove County Site No. 1521
Ownership Private Meridian 3 Township 42 N Range 7 E Section 19 Recorded 2024.11.25
WGS84 Latitude 42.107111 Longitude -88.454591 Site Area (sq. m) 0
UTM Nad83 Zone 16 UTM North 4,662,692 UTM East 379,736

Known Alternate Names

ENVIRONMENT

Topography Other Upland Drainage Basin Kishwaukee
Nearest Water Supply South Br Kishwaukee River Elevation (meters AMSL) 277
Soil Association Plano-Elburn-Drummer (s2247)
Description The site is a prehistoric isolated find located on a nearly level portion of dissected glacial lake plain.

SURVEY

Project Name Hampshire East & West Solar Farm Project Type Phase I CRM
Ground Cover Bare Surface Visibility % 75
Survey Methods Pedestrian
Site Type Isolated Find Standing Structure N

SITE CONDITION

Extent of Damage Moderate Main Cause of Damage Agriculture

MATERIALS OBSERVED

Survey Sampling Strategy Total Observation
Number of Prehistoric Artifacts (count or estimate) 1 Number of Historic Artifacts (count or estimate) 0
Y Prehistoric Diagnostic Artifacts N Historic Diagnostic Artifacts
N Prehistoric Surface Features N Historic Surface Features
N Prehistoric Buried Features Ave. Depth (cm) 0 N Historic Buried Features Ave. Depth (cm) 0

Description A broken flake was found.

TEMPORAL AFFILIATION

Y Prehistoric Unknown Woodland Protohistoric Frontier Antebellum (1841-April 11, 1861)
Paleoindian Early Woodland Historic Native American Civil War (April 12, 1861-April 9, 1865)
Archaic Middle Woodland Historic (generic) Frontier Post-Civil War (April 10, 1865-1870)
Early Archaic Late Woodland Colonial (1673-1780) Early Industrial (1871-1900)
Middle Archaic Mississippian Pioneer (1781-1840) Urban Industrial (1901-1945)
Late Archaic Upper Mississippian Frontier (generic; 1841-1870) Post-War (1946-present)

Description No diagnostics were found.

Surveyor Balek Institution AGS Survey Date 2024.11.17 Curation Facility N/A
Form By Balek Institution AGS Report Date 2024.11.23 NRHP Listing N
SHPO Log No. SHPO 1st Survey Doc No.
Compliance Status HRP A N

CORRESPONDENCE



Illinois
Department of
**Natural
Resources**

JB Pritzker, Governor • Natalie Phelps Finnie, Director
One Natural Resources Way • Springfield, Illinois 62702-1271

www.dnr.illinois.gov

Kane County
Hampshire
16N845 Reinking Rd
Section:19-Township:42N-Range:7E
IEPA
New Construction, Rutland East Solar Farm LLC

PLEASE REFER TO: SHPO LOG #006102124

SURVEY REQUEST

November 3, 2024

Robert McNeill
Surya Powered
141 W. Jackson Blvd.
Suite 1692
Chicago, IL 60604

The Illinois State Historic Preservation Office is required by the Illinois State Agency Historic Resources Preservation Act (20 ILCS 3420, as amended, 17 IAC 4180) to review all state funded, permitted, or licensed undertakings for their effect on cultural resources. We have received information indicating that the referenced project will, pursuant to that law, require comments from our office and our comments follow. Should you have any contrary information, please contact our office at the number below.

According to the information provided there is no federal involvement in your project. Be aware that the state law is less restrictive than the federal cultural resource laws concerning archaeology. Therefore, if your project will use federal loans or grants, need federal agency permits, or is on federal property then your project must be reviewed by us pursuant to the National Historic Preservation Act of 1966, as amended. Please notify us immediately if such is the case.

Portions of the project area are within a zone adjacent to South Branch Kishwaukee River with a high probability of containing significant archaeological resources. Accordingly, a Phase I archaeological **survey** to locate, identify, and record all archaeological resources within these zones, at a legal minimum, will be **required**. This decision is based upon our understanding that there has not been any large-scale disturbance of the ground surface (excluding agricultural activities) or major construction activity within the project area which would have destroyed existing cultural resources prior to your project. If the area has been disturbed, please contact our office with the appropriate written and/or photographic evidence. Our most recently updated list of archaeological contractors, maintained as a courtesy, is available on our website. A copy of our letter with the SHPO Log Number should be provided to the selected professional archaeological contractor to ensure that the survey results are connected to your project.

If you have questions, please contact Jeff Kruchten, Principal Archaeologist, at 217/785-1279 or jeff.kruchten@illinois.gov.

Project effects to historic properties within the visual APE are under review. If you have additional questions about this, please contact Steve Dasovich, Cultural Resources Manager, at 217/782-7441 or steve.dasovich@illinois.gov.

Sincerely,

Carey L. Mayer, AIA
Deputy State Historic Preservation Officer



Kane County
Hampshire
16N845 & 17N030 Reinking Rd
Sections: 18, 19-Township: 42N-Range: 7E
IEPA
New Construction, Rutland West Solar Farm LLC

PLEASE REFER TO: SHPO LOG #007102124

SURVEY REQUEST

November 3, 2024

Robert McNeill
Surya Powered
141 W. Jackson Blvd.
Suite 1692
Chicago, IL 60604

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According to the information provided there is no federal involvement in your project. Be aware that the state law is less restrictive than the federal cultural resource laws concerning archaeology. Therefore, if your project will use federal loans or grants, need federal agency permits, or is on federal property then your project must be reviewed by us pursuant to the National Historic Preservation Act of 1966, as amended. Please notify us immediately if such is the case.

Portions of the project area are within a zone adjacent to South Branch Kishwaukee River with a high probability of containing significant archaeological resources. Accordingly, a Phase I archaeological **survey** to locate, identify, and record all archaeological resources within these zones, at a legal minimum, will be **required**. This decision is based upon our understanding that there has not been any large-scale disturbance of the ground surface (excluding agricultural activities) or major construction activity within the project area which would have destroyed existing cultural resources prior to your project. If the area has been disturbed, please contact our office with the appropriate written and/or photographic evidence. Our most recently updated list of archaeological contractors, maintained as a courtesy, is available on our website. A copy of our letter with the SHPO Log Number should be provided to the selected archaeological contractor to ensure that the survey results are connected to your project.

If you have questions, please contact Jeff Kruchten, Principal Archaeologist, at 217/785-1279 or jeff.kruchten@illinois.gov.

Project effects to historic properties within the visual APE are under review. If you have additional questions about this, please contact Steve Dasovich, Cultural Resources Manager, at 217/782-7441 or steve.dasovich@illinois.gov.

Sincerely,

Carey L. Mayer, AIA
Deputy State Historic Preservation Officer

Archaeology and Geomorphology Services
2220 Mayfair Avenue
Westchester, Illinois 60154
708-308-4713
clb2220@gmail.com

November 26, 2024

Mr. Jeff Kruchten
Principal Archaeologist
Illinois Historic Preservation Office
Illinois Department of Natural Resources
One Natural Resources Way
Springfield, Illinois 62702

Re: SHPO Log #006102124 & 007102124
108 Ac Hampshire East and West Solar Farm
Hampshire, Kane County, Illinois

Dear Jeff:


Enclosed is the Phase I archaeological report for the 108 acre solar farm project located in Hampshire, Kane County, IL.

The archaeological investigation identified eight new archaeological sites within the project area. Four of the sites are historic artifact scatters and four are prehistoric lithic scatters. None of the sites are being recommended as not potentially eligible for the NRHP.

No further archaeological work is recommended. Project clearance for archaeological concerns is recommended.

Please do not hesitate to call me if you have any questions.

Sincerely,



Cynthia L. Balek

Cc: Akshar Patel, Surya Powered



Illinois
Department of
**Natural
Resources**

JB Pritzker, Governor • Natalie Phelps Finnie, Director
One Natural Resources Way • Springfield, Illinois 62702-1271

www.dnr.illinois.gov

Kane County
Hampshire
SE of Big Timber Rd & Reinking Rd
Section:19-Township:42N-Range:7E
Ineligible Sites: 11K1516,1519,1520,1521
IEPA, AGS
New Construction, Rutland East Solar Farm LLC

PLEASE REFER TO: SHPO LOG #006102124

December 18, 2024

Tej Patel
Surya Powered LLC
1111 South Wabash Avenue
Chicago, IL 60605

The Illinois State Historic Preservation Office is required by the Illinois State Agency Historic Resources Preservation Act (20 ILCS 3420, as amended, 17 IAC 4180) to review all state funded, permitted, or licensed undertakings for their effect on cultural resources. Pursuant to this, we have received information regarding the referenced project for our comment.

Our staff has reviewed the specifications under the state law and assessed the impact of the project as submitted by your office. We have determined, based on the available information, that no significant historic, architectural, or archaeological resources will be affected within the proposed project area.

According to the information you have provided there is no federal involvement in your project. Be aware that the state law is less restrictive than the federal cultural resource laws concerning archaeology. If your project will use federal loans or grants, need federal agency permits, use federal property, or involve assistance from a federal agency then your project must be reviewed under the National Historic Preservation Act of 1966, as amended. Please notify us immediately if such is the case.

This approval remains in effect for two (2) years from date of issuance. It does not pertain to any discovery during construction, nor is it a clearance for purposes of the Illinois Human Remains Protection Act (20 ILCS 3440).

Please retain this letter in your files as evidence of compliance with the Illinois State Agency Historic Resources Preservation Act.

If further assistance is needed, please contact Jeff Kruchten, Principal Archaeologist, at 217/785-1279 or jeff.kruchten@illinois.gov.

Sincerely,

Carey L. Mayer, AIA
Deputy State Historic Preservation Officer