



# Historic Resources Survey

Copenhagen Wind Farm

Town of Denmark, Lewis County, and

Towns of Champion and Rutland, Jefferson County, New York

**Prepared for:**

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**January 2014**

## MANAGEMENT SUMMARY

SHPO Project Review Number:	12PR02853
Involved State and Federal Agencies:	Town of Denmark Planning Board (SEQRA) NYSDEC SPDES General Permit
Phase of Survey:	Historic Resources Survey
Location Information:	Town of Denmark, Lewis County (Wind Project) Towns of Champion and Rutland, Jefferson County (Transmission Line)
Survey Area:	
Project Description:	47 wind turbines and associated infrastructure 8.4-mile-long 115kV transmission line
Project Area:	Approximately 9,700 acres
USGS 7.5-Minute Quadrangle Map:	<i>Rutland Center, Copenhagen, Carthage, New Boston, West Lowville</i>
Historic Resources Survey Overview:	<p>One property (the Hiram Hubbard House) listed on the NRHP is located within the APE.</p> <p>There are 57 properties located within the APE that EDR recommends are NRHP-eligible (note that 14 of these are properties that have been previously determined eligible by NYSOPRHP, 11 properties were previously included in SPHINX but were not formally evaluated for NRHP-eligibility, 31 are newly identified by EDR, and one was formerly determined not eligible by NRHP).</p> <p>There are 25 additional properties within the APE that were formerly determined to be NRHP-eligible that EDR is recommending are not NRHP-eligible and five properties that were formerly determined NRHP-eligible that are now demolished</p>
Report Authors:	Grant Johnson Patrick J. Heaton, RPA Dan Barbato
Date of Report:	January 2014

## TABLE OF CONTENTS

1.0	INTRODUCTION .....	1
1.1	Purpose of the Investigation .....	1
1.2	Project Location and Description .....	1
2.0	BACKGROUND AND METHODS .....	3
2.1	Project’s Area of Potential Effect (APE) and Study Area .....	3
2.2	NYSOPRHP Consultation .....	3
2.3	Previous Historic-Architectural Resources Surveys within the Study Area .....	5
2.4	Criteria for Evaluating the Significance of Historic Resources .....	5
2.5	Historic Resources Survey Methods .....	6
3.0	HISTORIC RESOURCES SURVEY RESULTS .....	8
3.1	Previously Identified Historic Resources .....	8
3.2	Newly Identified Historic Resources .....	11
3.3	Potential Effect on Historic Resources .....	14
3.4	Visual Effects Analysis .....	15
4.0	SUMMARY AND CONCLUSIONS .....	28
4.1	Summary of Historic-Architectural Resources Survey Results .....	28
4.2	Summary of Project’s Potential Effect on Historic Resources .....	28
4.3	Recommendations .....	31
5.0	REFERENCES .....	33

## LIST OF TABLES

Table 1.	Previously Surveyed Historic Resources: NRHP-Listed and Previously Determined NRHP-Eligible.....	9
Table 2.	Previously Surveyed Historic Resources: Previously Determined not NRHP-Eligible or No Previous NRHP-Eligibility Determination .....	11
Table 3.	Newly Identified Historic Resources: EDR Recommends NRHP-Eligible. ....	12
Table 4.	Visual Effects Analysis for Historic Resources.....	17
Table 5.	Summary of Potential Project Visibility from Historic Resources.....	23
Table 6.	Viewpoints Selected for Simulation.....	24
Table 7.	Historic Resources Located within One Mile of the Proposed Transmission Line. ....	27

## **LIST OF FIGURES**

- Figure 1. Regional Project Location
- Figure 2. Proposed Project Layout
- Figure 3. Study Area
- Figure 4. Previously Surveyed Historic Resources
- Figure 5. Historic Resources Survey Results

## **LIST OF APPENDICES**

- Appendix A. NYSOPRHP Correspondence
- Appendix B. Annotated Property List
- Appendix C. Previously Surveyed Historic Resources
- Appendix D. Visual Simulations

## **1.0 INTRODUCTION**

### **1.1 Purpose of the Investigation**

On behalf of Copenhagen Wind Farm, LLC, Environmental Design & Research, Landscape Architecture, Engineering & Environmental Services, D.P.C. (EDR) conducted a historic resources survey for the proposed Copenhagen Wind Farm (the Project), located in the Town of Denmark, in Lewis County, New York. The purpose of the historic resources survey is to identify and document those buildings within the Project's area of potential effect (APE) that appear to satisfy National Register of Historic Places (NRHP) eligibility criteria. The historic resources survey was conducted by a qualified architectural historian who meets the U.S. Secretary of Interior's Standards for Historic Preservation Projects (36 CFR Part 61) in a manner consistent with the *New York State Historic Preservation Office Guidelines for Wind Farm Development Cultural Resources Survey Work* (the *SHPO Wind Guidelines*) issued by the New York State Office of Parks, Recreation, and Historic Preservation (NYSOPRHP) in 2006.

The information included in this report is intended to assist the Town of Denmark Planning Board (acting as Lead Agency) in their review of the Project under the State Environmental Quality Review Act (SEQRA). A Phase 1A Cultural Resources Survey (EDR, 2013a) was previously prepared for the Project and included as part of the Project's Draft Environmental Impact Statement (or DEIS; EDR, 2013b), which was accepted as complete and released for public review and comment by the Lead Agency on June 12, 2013. This historic resources survey report will be included as part of the Final Environmental Impact Statement (FEIS) that will be provided to the Lead Agency as part of their ongoing SEQRA review.

### **1.2 Project Location and Description**

Copenhagen Wind Farm, LLC is proposing to develop a wind-powered electric generating facility (the Project) in the Town of Denmark, Lewis County, New York (see Figure 1). The Project also includes a proposed 8.4-mile, 115-kilovolt (kV) Transmission Line that will be located in the Towns of Champion and Rutland in Jefferson County, New York. The proposed wind-generating facility Project site is located on a several ridges and hilltops in the Town of Denmark. The Project site consists of open fields, mature forests, areas of successional shrubland and wetlands, with elevations in the range of 835 to 1,500 feet above mean sea level (amsl). Land use within the Project site is dominated by active and reverting agricultural land. With the exception of the Village of Copenhagen, the area surrounding the Project is primarily undeveloped, with farms and rural residences interspersed along area roadways. In addition to the Village of Copenhagen (population of approximately 800), more concentrated development also occurs in the nearby City of Watertown and Villages of Carthage, West Carthage and Castorland.

Since the time that the DEIS was released, some adjustments to the Project layout have occurred. As indicated in the DEIS (and Phase 1A Cultural Resources Survey), 62 turbine locations were presented, among which 49 sites were to be selected for turbine construction and operation. Consistent with the DEIS the Project has been reduced. Specifically, the 62 proposed turbine locations have been reduced to 47 sites, and the size and capacity of turbines has been modified slightly. The make and model of the turbine proposed in the DEIS was the GE 1.6 - 100 wind turbine currently with a rated capacity of 1.62 MW, and a diameter of 100 meters (328 feet), mounted on a 96-meter (315-foot) tubular steel tower (total height 150 meters (492 feet)). The currently proposed turbine make and model is the GE 1.7 – 100 wind turbine, with a rated capacity of 1.7 MW and the same blade and tower dimensions.

As presently envisioned, the Project is anticipated to include up to 47 wind turbines with a rated capacity of 1.7 megawatts (MW), for a total generating capacity up to 79.9 MW. Each wind turbine will include a three-bladed upwind rotor, with a diameter of 100 meters (328 feet), mounted on a 96-meter (315-foot) tubular steel tower (total height 150 meters (492 feet)). The Project will also involve construction of approximately 14 miles of gravel access roads, approximately 21 miles of buried or overhead 34.5 kV electrical collector lines, a collection substation, an operations and maintenance facility, and three permanent 100-meter (328 feet) tall meteorological towers, located in the Town of Denmark, Lewis County<sup>1</sup>. To deliver power to the New York State power grid, the Project sponsor proposes to construct an 8.4-mile 115kV electrical interconnection line on wooden or steel pole structures within a right-of-way (ROW) located in the Towns of Rutland and Champion in Jefferson County. The interconnection line will run from a collection substation located north of Route 12 in the Town of Denmark to the National Grid East Watertown substation via a new Point of Interconnection (POI) station located adjacent to the National Grid Black River – Lighthouse Hill 115kV transmission line in the Town of Rutland. See Figure 2 for the proposed Project layout.

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<sup>1</sup> Subsequent to the DEIS (and Phase 1A) and as part of the SEQRA review of the Project, adjustments have been made to the locations of proposed turbines, access roads, electrical collection lines, collection and transforming stations, O&M facility location, and the temporary laydown yard location. These modifications were incorporated as a result of detailed on-site engineering analyses, landowner negotiations and requests, efforts to avoid or minimize impacts to water resources and archeological sites, and suggestions made by the New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Agriculture & Markets (NYS&M). The NYSDEC and NYSA&M suggested changes were reviewed by Project engineers and the Project Sponsor, and those changes that were deemed feasible from an engineering perspective have been incorporated into the layout, and have further reduced impacts to archeological resources, water resources, forestland, and agricultural land.

## **2.0 BACKGROUND AND METHODS**

### **2.1 Project's Area of Potential Effect (APE) and Study Area**

All of the proposed wind turbines will be located within the Town of Denmark in Lewis County. The Project also includes a proposed transmission line that extends through portions of the Towns of Champion and Rutland in Jefferson County. The five-mile-radius study area for the Project includes parts of the Towns of Croghan, Harrisburg, Pinckney and Lowville in Lewis County, and Wilna in Jefferson County (Figure 3).

The Project's potential effect on a given historic property would be a change (resulting from the introduction of wind turbines) in the property's visual setting. The area of potential effect (APE) for visual effects on historic resources includes all areas where the turbines will be visible. Per the *SHPO Wind Guidelines*, the APE for visual impacts on historic properties for wind projects is defined as those areas within five miles of proposed turbines which are within the potential viewshed (based on topography) of a given project (NYSOPRHP, 2006). The Project APE also includes those areas located within one mile of the proposed overhead transmission line for the Project.

### **2.2 NYSOPRHP Consultation**

EDR previously prepared a Phase 1A Cultural Resources Survey (EDR, 2013a), which was included in the DEIS for the Project (EDR, 2013b) and was submitted to the NYSOPRHP for review and comment on March 7, 2013 (transmittal included in Appendix A). The Phase 1A report included identification of all properties that have been previously listed, or determined (by NYSOPRHP) to be eligible for listing, on the NRHP located within five miles of the Project. In addition, the Phase 1A report included the recommendation that a historic resources survey should be conducted prior to the construction of the Project in accordance with the *SHPO Wind Guidelines* (NYSOPRHP, 2006).

In correspondence dated June 5, 2013, NYSOPRHP (see Appendix A) concurred with the recommendations included in the Phase 1A report, which included the recommendation that a historic resources survey be completed in accordance with the *SHPO Wind Guidelines*.

On July 3, 2013, EDR provided a Historic Architectural Resources Survey Work Plan to NYSOPRHP (see Appendix A), which described EDR's intended approach for the historic resources survey. The Work Plan proposed the APE for the Project as those areas within five miles of the proposed turbines where the turbines are potentially visible based solely on topography. The Project APE also includes those areas located within one mile of the proposed overhead transmission line for the Project. The Work Plan included an attached map of the visual APE, which noted the previous survey area for the Maple Ridge Wind Farm (see Section 2.3, below). In addition, the Work Plan

indicated that a preliminary survey of the area within one-mile of the proposed turbines would be conducted and the results would be shared with NYSOPRHP staff for review and comment prior to completing the survey for the remaining portions of the five-mile study area.

On August 19, 2013, EDR submitted a memorandum and supporting attachments<sup>2</sup> that presented the results of the historic resources survey for the area within one-mile of the proposed turbines (see Appendix A). This included photographs of properties recommended by EDR's architectural historian to be NRHP-eligible, a sample of the format for how historic properties would be described in the historic resources survey report (i.e., this report), representative photographs of properties that were evaluated by EDR's architectural historian to not be NRHP-eligible, photographs of properties within the study area that were previously determined by NYSOPRHP to be NRHP-eligible, a map depicting the results of the survey within the one-mile study area, and a detail map showing the results of the survey within the Village of Copenhagen.

On September 12, 2013, EDR and Copenhagen Wind, LLC met with NYSOPRHP staff<sup>3</sup> to review the materials (described above) that had been submitted to NYSOPRHP regarding the Project. This meeting resulted in the following recommendations for completing the historic resources survey:

- EDR will include updated recommendations regarding NRHP-eligibility for those properties within the study area that NYSOPRHP previously determined eligible. Based on current photographs provided as part of the results of the one-mile-radius survey, the condition and/or integrity of some of these resources is significantly different now than it was when the properties were originally evaluated.
- Although there are numerous properties greater than 50 years old within the study area, many of these properties lack architectural integrity (in terms of form and materials). Factors affecting the integrity of these resources include loss of historic materials through alterations such as vinyl siding and windows, or additions to the structures that compromise their historic form. NYSOPRHP indicated that EDR's architectural historian should provide a conservative evaluation of these potential resources. NYSOPRHP confirmed that no additional documentation of properties that clearly do not satisfy NRHP-eligibility criteria will need be provided as part of the historic-architectural resources survey.

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<sup>2</sup> It's worth noting that the attachments referenced in the August 19, 2013 memorandum that was sent to NYSOPRHP are not included in Appendix A of this report. These attachments included information that has been revised and updated as a result of the survey for inclusion in the Figures and Appendices of this report.

<sup>3</sup> Attendees at the September 12, 2013 meeting included Tony Opalka (NYSOPRHP), James Damon (Copenhagen Wind, LLC), Patrick Heaton, and Grant Johnson (EDR).

### **2.3 Previous Historic-Architectural Resources Surveys within the Study Area**

There have been two previous historic-architectural resources surveys within the study area that have identified NRHP-eligible historic resources (see Figure 4). A Phase 1 cultural resources survey was conducted in 1996 for proposed highway improvements on NYS Route 12 in the Village of Copenhagen (NYSM, 1997). The survey included an approximately 2.3-mile long portion of Route 12 and evaluation of 96 structures. The survey identified two potential historic districts – the Copenhagen Village Historic District South (which includes 15 structures, 12 of which were recommended NRHP-eligible as contributing resources in the historic district) and Copenhagen Village Historic District North (which includes 16 structures, 14 of which were recommended NRHP-eligible as contributing resources) – and four individual properties located outside the proposed historic districts. The entire Route 12 survey area and all identified historic resources are located within the Project’s study area.

As described in the previously prepared Phase 1A report, in 2003-2004 a significant portion of the five-mile-radius study area for the Project was surveyed as part of permitting studies for the Maple Ridge Wind Farm project (formerly the Flat Rock Wind Power Project; JMA, 2004). As a result of this survey, 89 properties of interest were identified by NYSOPRHP. Of these 89 properties, NYSOPRHP determined 19 were individually NRHP-eligible, 49 were NRHP-eligible as contributing to 5 potential historic districts, 8 were not eligible, and 13 were not formally evaluated for National Register eligibility (JMA, 2004). Of the NRHP-eligible properties identified during the Maple Ridge survey, those located within the Project’s study area include the proposed Harrisburg Historic District (includes three houses and the Fairview Cemetery, all on NYS Route 12), the proposed Number Three and Rice Roads Historic District (includes two farmsteads), and four individually eligible properties (8205 NYS Route 12, Battle Cemetery – 2813 Thesier Road, 2952 Alexander Road, and the Gallup Cemetery – 8735 NYS Route 12).

In the Phase 1A report for the Project, no additional historic resources survey was recommended within the area recently surveyed for the Maple Ridge Wind Farm. However, per the results of the meeting with NYSOPRHP staff on September 12, 2013 (described above), properties that were previously determined NRHP-eligible during both the NYS Route 12 (NYSM, 1997) Maple Ridge (JMA, 2004) surveys were visited and re-evaluated as part of the present survey (these evaluations are included in the results discussed in Section 3.1 of this report).

### **2.4 Criteria for Evaluating the Significance of Historic Resources**

Historically significant properties are defined herein to include buildings, districts, objects, structures and/or sites that have been listed on the NRHP, as well as those properties that NYSOPRHP has formally determined are eligible for listing on the NRHP. Criteria set forth by the National Park Service for evaluating historic properties (36 CFR 60.4) state that a historic building, district, object, structure or site is significant (i.e., eligible for listing on the NRHP) if the property conveys (per CFR, 2004a; NPS, 1990):

The quality of significance in American history, architecture, archeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

- (A) that are associated with events that have made a significant contribution to the broad patterns of our history; or
- (B) that are associated with the lives of persons significant in our past; or
- (C) that embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- (D) that have yielded, or may be likely to yield, information important in prehistory or history.

Numerous nineteenth- and early-twentieth-century structures (primarily residences and farmsteads) are located within the study area that have not been previously evaluated by NYSOPRHP to determine if they are NRHP-eligible. These types of resources are typically determined NRHP-eligible under NRHP Criterion C (i.e., they “embody the distinctive characteristics of a type, period, or method of construction” [CFR, 2004a]), and often derive their significance from being representative examples of vernacular nineteenth-century architectural styles that retain their overall integrity of design and materials. Within the Tug Hill Plateau, many nineteenth-century farmhouses were originally Folk, Georgian or Federal-inspired vernacular houses with modest details. The architectural integrity of historic resources throughout the five-mile radius study area is highly variable, with many showing noticeable alteration.

## **2.5 Historic Resources Survey Methods**

The Historic resources survey included review of previous historic-architectural surveys within the study area (described above in Section 2.4), consultation with NYSOPRHP (described above in Section 2.3), site visits to identify and evaluate potential historic resources within the study area, and supplemental research on specific historic properties (as necessary).

Archives and repositories consulted during EDR’s research for the Project included the Lewis County Historical Society, the Northern New York Library Network and other on-line history resources, and EDR’s in-house collection of reference materials. Maps reviewed for the Project (and included as figures in the Phase 1A report) included the 1864 Beers *Atlas of Jefferson County*, the 1875 Beers *Atlas of Lewis County*, the 1888 Robinson *Atlas of Jefferson*

County, the 1904 USGS *Carthage, NY* topographic survey, and 1909 USGS *Watertown, NY* topographic survey. Sources reviewed for the Project included *A History of Jefferson County, New York* (Hough, 1854), two separate volumes of *A History of Lewis County, New York* (Hough, 1860; Hough, 1883), *Geographical Gazetteer of Jefferson County, NY 1684-1890* (Child, 1890), and *History of Lewis County New York 1880-1965* (Bowen, 1970).

Based on review of these sources, a historic context for the Project site and study area was included in the Phase 1A report (EDR, 2013a) and is incorporated herein by reference.

Historic resources survey fieldwork included systematically driving all public roads within the study area to evaluate the NRHP-eligibility of structures and properties within the study area. When sites that appeared to satisfy NRHP-eligibility criteria were identified, the existing conditions of the property were documented by EDR's architectural historian. This included photographs of the building(s) (and property) and field notes describing the style, physical characteristics and materials (e.g., number of stories, plan, external siding, roof, foundation, and sash), condition, physical integrity, and other noteworthy characteristics for each resource. EDR's evaluation of historic resources within the study area focused on the physical condition and integrity (with respect to design, materials, feeling, and association) to assess the potential architectural significance of each resource. Note that all properties included in the historic resources survey were photographed and assessed from public rights of way. The condition and integrity of all resources were evaluated based solely on the visible exterior of the structures. No inspections or evaluations requiring access to the interior of buildings, or any portion of private property, were conducted as part of this assessment.

In accordance with the *SHPO Wind Guidelines*, and based on consultation with NYSOPRHP (described in Section 2.2), buildings that are not sufficiently old (i.e., are less than 50 years in age), that lack architectural integrity, or otherwise were evaluated by EDR's architectural historian as lacking historical or architectural significance were *not* included in or documented during the survey. NYSOPRHP confirmed that no additional documentation of properties that clearly do not satisfy NRHP-eligibility criteria was needed as part of the historic resources survey.

### 3.0 HISTORIC RESOURCES SURVEY RESULTS

Properties inventoried evaluated as part of the historic-architectural survey included resources that had been identified in previous architectural surveys in the study area, and resources newly identified during this survey. The locations of all properties within the study area that EDR is recommending NRHP-eligible are shown on Figure 5. Photographs and a description of all properties that EDR is recommending are NRHP-eligible (including previously surveyed and newly identified properties) are included in Appendix B. Photographs of all previously-surveyed NRHP-eligible properties, including address and property name, are included in Appendix C.

#### 3.1 Previously Identified Historic Resources

As part of the Phase 1A report, EDR reviewed the State Preservation Historical Information Network Exchange (SPHINX) database maintained by NYSOPRHP to identify significant historic buildings and/or districts located within five miles of the Project. Previously identified NRHP-listed and NRHP-eligible properties within the study area (see Section 3.1; Table 2; Figure 4) include residences, cemeteries, farms, bridges, parks, and various other structures. A total of 58 previously surveyed properties (i.e., properties already included in NYSOPRHP's SPHINX database) were re-visited and evaluated as part of the Project's historic resources survey (see Appendix C). These included:

- One property, the Hiram Hubbard House, listed on the NRHP (see Table 1; Figure 5; Appendix C).
- 11 individual NRHP-eligible properties and four clusters of resources that NYSOPRHP determined were NRHP-eligible as historic districts (the Village of Copenhagen North and South Historic Districts, Harrisburg Historic District, and Number Three and Rice Roads Historic District), which include a total of 33 contributing resources (i.e., properties determined by NYSOPRHP to be NRHP-eligible as part of proposed historic districts). These properties were revisited as part of the historic-architectural survey, and their NRHP-eligibility was re-evaluated based on their current condition. Of these resources, fourteen were determined to be NRHP-eligible, 25 were determined to no longer be NRHP-eligible, and five are no longer standing. A summary of these results is provided in Table 1. The locations of these resources are shown in Figures 4 and 5. Photographs of these resources are included in Appendix C.
- 11 resources that are listed in SPHINX but not previously evaluated for NRHP-eligibility and are recommended by EDR to be NRHP-eligible (see Table 2; Figure 5). Photographs and descriptions of these resources are included in Appendix B.
- One resource previously determined not eligible by NYSOPRHP is recommended by EDR to be NRHP-eligible (Table 2; Figure 5). A photograph and description of this resource is included in Appendix B.

**Table 1. Previously Surveyed Historic Resources: NRHP-Listed and Previously Determined NRHP-Eligible**

<b>NYSOPRHP Site Identifier</b>	<b>Address, Property Name and/or Description</b>	<b>Previously Determined NRHP-Status<sup>1</sup></b>	<b>EDR Recommendation</b>
08NR05893	34237 NY Route 126 (Hiram Hubbard House), Town of Champion	NRHP-Listed	NRHP-Listed
049.43.000055	9854 NY Route 12, Village of Copenhagen	NRHP-D	NRHP-Eligible
049.43.000054	NY Route 12, Cataract and Washington Streets (Monument Park), Village of Copenhagen	NRHP-D	NRHP-Eligible
049.43.000053	9794 NY Route 12 (Structure W), Village of Copenhagen	NRHP-D	Not Eligible
049.43.000071	9933 NY Route 12 (Structure L3), Village of Copenhagen	NRHP-D	Not Eligible
049.43.000072	9993 NY Route 12 (Structure M3), Village of Copenhagen	NRHP-D	Not Eligible
049.43.000070	NY Route 12 (Structure K3), Village of Copenhagen	NRHP-D	Not Eligible
049.43.000067	9957 NY Route 12 (Structure H3), Village of Copenhagen	NRHP-D	Not Eligible
049.43.000066	9963 NY Route 12 (Structure G3), Village of Copenhagen	NRHP-D	Not Eligible
049.43.000062	NY Route 12 (Structure C3), Village of Copenhagen	NRHP-D	Demolished
049.43.000064	NY Route 12 (Structure E3), Village of Copenhagen	NRHP-D	Not Eligible
049.43.000065	NY Route 12 (Structure F3), Village of Copenhagen	NRHP-D	Not Eligible
049.43.000068	NY Route 12 (Structure I3), Village of Copenhagen	NRHP-D	Demolished
049.43.000056	NY Route 12 (Structure T3), Village of Copenhagen	NRHP-D	Demolished
049.43.000063	9977 NY Route 12 (Structure D3), Village of Copenhagen	NRHP-D	Not Eligible
049.43.000061	9985 NY Route 12 (Structure B3), Village of Copenhagen	NRHP-D	Not Eligible
049.43.000060	9991 NY Route 12 (Structure A3), Village of Copenhagen	NRHP-D	Not Eligible
049.43.000059	10001 NY Route 12 (Structure Z2), Village of Copenhagen	NRHP-D	Not Eligible
049.43.000052	9790 NY Route 12 (Structure V), Village of Copenhagen	NRHP-D	Not Eligible
049.43.000051	9790 NY Route 12 (Structure U), Village of Copenhagen	NRHP-D	NRHP-Eligible
049.43.000057	10005 NY Route 12 (Structure X2), Village of Copenhagen	NRHP-D	NRHP-Eligible
049.43.000050	9784 NY Route 12 (Structure T), Village of Copenhagen	NRHP-D	Not Eligible
049.43.000049	120 High Street/NY Route 12 (Structure S), Village of Copenhagen	NRHP-D	Not Eligible
049.43.000048	9776 NY Route 12 (Structure R), Village of Copenhagen	NRHP-D	Not Eligible
049.43.000047	9770 NY Route 12 (Structure Q),	NRHP-D	Not Eligible

<b>NYSOPRHP Site Identifier</b>	<b>Address, Property Name and/or Description</b>	<b>Previously Determined NRHP-Status<sup>1</sup></b>	<b>EDR Recommendation</b>
	Village of Copenhagen		
049.43.000046	9764 NY Route 12 (Structure P), Village of Copenhagen	NRHP-D	Not Eligible
049.43.000044	9754 NY Route 12 (Structure N), Village of Copenhagen	NRHP-D	Not Eligible
049.43.000042	9708 NY Route 12 (Structure L), Village of Copenhagen	NRHP-D	Not Eligible
049.05.000034	8542 NY Route 12 (Fairview Cemetery), Village of Copenhagen	NRHP-D	NRHP-Eligible
049.05.000032	3830 Vary Road, Village of Copenhagen	NRHP-D	Not Eligible
049.05.000033	8535 NY Route 12 (House in Harrisburg Historic District), Village of Copenhagen	NRHP-D	Not Eligible
049.05.000035	8501 NY Route 12, (House in Harrisburg Historic District), Village of Copenhagen	NRHP-D	Not Eligible
049.09.000023	8049 Number Three Road, Town of Lowville	NRHP-D	NRHP-Eligible
049.09.000024	7477 Rice Road, Town of Lowville	NRHP-D	Not Eligible
049.02.000036	Intersection of NY Route 12 and County Route 14 (Structure D), Village of Copenhagen	NRHP-I	Demolished
049.43.000074	NE Corner of NY Route 12 and Maiden Street (United Church of Copenhagen), Village of Copenhagen	NRHP-I	NRHP-Eligible
049.43.000075	9972 NY Route 12 (Structure K2), Village of Copenhagen	NRHP-I	NRHP-Eligible
049.43.000076	9978 NY Route 12 (Structure L2), Village of Copenhagen	NRHP-I	NRHP-Eligible
049.05.000040	2952 Alexander Road, Town of Harrisburg	NRHP-I	Not Eligible
049.05.000038	8735 NY Route 12 (Gallup Cemetery), Town of Harrisburg	NRHP-I	NRHP-Eligible
049.05.000036	2813 Thesier Road (Battle Cemetery), Town of Harrisburg	NRHP-I	NRHP-Eligible
045.06.000050	34397 NY 126 (Louis J. Waite Farm), Town of Champion	NRHP-I	NRHP-Eligible
049.41.000004	Intersection of Main Street and Railroad Street (Castorland Railroad Depot), Village of Castorland	NRHP-I	Demolished
049.09.000030	8205 NYS Route 12, Town of Lowville	NRHP-I	NRHP-Eligible
049.13.000081	Van Amber Road Bridge over Beaver River, Town of Croghan	NRHP-I	NRHP-Eligible

<sup>1</sup> "NRHP-D" indicates previously determined NRHP-eligible as part of a historic district; "NRHP-I" indicates previously determined to be individually eligible for the NRHP.

**Table 2. Previously Surveyed Historic Resources: Previously Determined not NRHP-Eligible or No Previous NRHP-Eligibility Determination**

<b>NYSOPRHP Site Identifier</b>	<b>Address, Property Name and/or Description</b>	<b>Previously Determined NRHP-Status</b>	<b>EDR Recommendation</b>
049.02.000006	9905 NY Route 26 (Decker-Cook-Sweet House), Town of Denmark	Undetermined	NRHP-Eligible
049.02.000009	9906 NY Route 26 (Norton-Dunham-Knapp House), Town of Denmark	Undetermined	NRHP-Eligible
049.02.000001	9918 NY Route 26 (Freedom Wright's Inn), Town of Denmark	Undetermined	NRHP-Eligible
049.02.000003	Unknown NY Route 26 (Jesse Blodgett House), Town of Denmark	Undetermined	NRHP-Eligible
049.02.000002	9997 NY Route 26 (Blodgett Inn and Tavern), Town of Denmark	Undetermined	NRHP-Eligible
049.43.000091	3020 Mechanic Street, Village of Copenhagen	Undetermined	NRHP-Eligible
BIN 3-34011-0	Bridge Over Deer River (Vorce Road Bridge), Town of Denmark	Undetermined	NRHP-Eligible
BIN 3-34010-0	Old State Road over Deer River (Old State Road Bridge), Town of Denmark	Undetermined	NRHP-Eligible
045.06.000007	Corner of NY Routes 26 & 126 (West Carthage Cemetery), Village of West Carthage	Undetermined	NRHP-Eligible
045.06.000031	27 Lathrop Street, Village of West Carthage	Undetermined	NRHP-Eligible
045.06.000024	21 1/2 North Main Street (Congregational Church), Village of West Carthage	Undetermined	NRHP-Eligible
045.06.000035	4 Bridge Street, Village of West Carthage	Not Eligible	NRHP-Eligible

### **3.2 Newly Identified Historic Resources**

In addition, EDR identified 31 properties within the study area that have not been previously surveyed but are recommended by EDR to be NRHP-eligible. These resources include residences, churches and cemeteries located throughout the study area. The resources are also listed in Table 3 and also depicted on Figure 5. Historic resources within the study area that are recommended by EDR's architectural historian to be NRHP-eligible are described in an annotated properties table (see Appendix B) that includes one or more photographs of each property, a description of the property (name, address, estimated age, architectural style, materials, etc.), an assessment of its condition, and an evaluation of significance.

**Table 3. Newly Identified Historic Resources: EDR Recommends NRHP-Eligible.**

NYSOPRHP Site Identifier	Address, Property Name and/or Description	Previously Determined NRHP-Status	EDR Recommendation
-	Riverside Cemetery, Village of Copenhagen	Not Previously Surveyed	Eligible
-	2968 Cataract Street, Village of Copenhagen	Not Previously Surveyed	Eligible
-	North Side of State Route 126 (Denmark Hillside Cemetery), Town of Denmark	Not Previously Surveyed	Eligible
-	10207 Old State Road, Town of Denmark	Not Previously Surveyed	Eligible
-	10051 Old State Road (Harrison Blodgett House), Town of Denmark	Not Previously Surveyed	Eligible
-	9304 NY Route 26, Town of Denmark	Not Previously Surveyed	Eligible
-	2963 Mechanic Street, Village of Copenhagen	Not Previously Surveyed	Eligible
-	10740 Old State Road, Town of Denmark	Not Previously Surveyed	Eligible
-	North Side of County Route 12 (South Champion Cemetery), Town of Champion	Not Previously Surveyed	Eligible
-	34354 NY Route 126 (The 1831 of Champion), Town of Champion	Not Previously Surveyed	Eligible
-	34418 NY Route 126, Town of Champion	Not Previously Surveyed	Eligible
-	20323 County Route 47 (Champion Grange Hall No. 18), Town of Champion	Not Previously Surveyed	Eligible
-	20324 Smith Street (Christ Covenant Lutheran Church), Town of Champion	Not Previously Surveyed	Eligible
-	West Side of County Route 47 (Champion Hillside Cemetery), Town of Champion	Not Previously Surveyed	NRHP-Eligible
-	35208 NY Route 126, Town of Champion	Not Previously Surveyed	NRHP-Eligible
-	16801 Churchill Road, Town of Rutland	Not Previously Surveyed	NRHP-Eligible
-	10418 NY Route 126, Town of Croghan	Not Previously Surveyed	NRHP-Eligible
-	34966 Sayre Road, Town of Champion	Not Previously Surveyed	NRHP-Eligible
-	SE Corner of Sayre Road and County Route 47 (Abbott House), Town of Croghan	Not Previously Surveyed	NRHP-Eligible
-	South Side of County Route 69 (South Rutland Cemetery), Town of Rutland	Not Previously Surveyed	NRHP-Eligible
-	10912 NY Route 126, Town of Croghan	Not Previously Surveyed	NRHP-Eligible

<b>NYSOPRHP Site Identifier</b>	<b>Address, Property Name and/or Description</b>	<b>Previously Determined NRHP-Status</b>	<b>EDR Recommendation</b>
-	10291 NY Route 126 (Union Cemetery of Naumburg), Town of Croghan	Not Previously Surveyed	NRHP-Eligible
-	21 North Jefferson Street, Village of West Carthage	Not Previously Surveyed	NRHP-Eligible
-	4 North Jefferson Street, Village of West Carthage	Not Previously Surveyed	NRHP-Eligible
-	10178 NY Route 126, Town of Croghan	Not Previously Surveyed	NRHP-Eligible
-	6 1/2 South Main Street, Village of West Carthage	Not Previously Surveyed	NRHP-Eligible
-	30 1/2 North Main Street, Village of West Carthage	Not Previously Surveyed	NRHP-Eligible
-	Utica & Black River Railroad Bridge, Village of West Carthage	Not Previously Surveyed	NRHP-Eligible
-	21534 Staplin Road, Town of Rutland	Not Previously Surveyed	NRHP-Eligible
-	South Side of County Route 60 (Maple Hill Cemetery), Town of Rutland	Not Previously Surveyed	NRHP-Eligible
-	25516 NY Route 12, Town of Watertown	Not Previously Surveyed	NRHP-Eligible

It is worth noting that 13 of the 58 historic resources in the study area that are NRHP-listed or recommended NRHP-eligible by EDR are early-nineteenth-century limestone buildings located in the Towns of Denmark and Champion. These include:

- The Hiram Hubbard House (NRHP-listed), Town of Champion
- 9304 NY Route 26, Town of Denmark
- 9905 NY Route 26 (Decker-Cook-Sweet House), Town of Denmark
- 9906 NY Route 26 (Norton-Dunham-Knapp House), Town of Denmark
- Unknown NY Route 26 (Jesse Blodgett House), Town of Denmark
- 9997 NY Route 26 (Blodgett Inn and Tavern), Town of Denmark
- 10740 Old State Road, Town of Denmark
- 34354 NY Route 126 (The 1831 of Champion), Town of Champion
- 34418 NY Route 126, Town of Champion
- 20324 Smith Street (Christ Covenant Lutheran Church), Town of Champion
- 35208 NY Route 126, Town of Champion
- 34966 Sayre Road, Town of Champion
- 25516 NY Route 12, Town of Watertown

Though some of these stone buildings display alterations to their materials and form, all are historically significant for their construction methods and materials. In addition, in some cases, association with persons important to settlement and early industry in Jefferson and Lewis Counties contributes to the historic significance of the properties (see Appendix B for details on the individual resources). Several of these buildings were previously profiled as part of the “Old Houses of the North Country” series of newspaper articles, written by David F. Lane and published in the *Watertown Daily Times* from 1941-1956.

### **3.3 Potential Effect on Historic Resources**

Construction of the Project will not require the demolition or physical alteration of any buildings or other potential historic resources. No direct physical impacts to historic-architectural resources will occur as a result of the Project.

The Federal Regulations entitled “Protection of Historic Resources” (36 CFR 800) include in Section 800.5(2) a discussion of potential adverse effects on historic resources. The following types of effects apply to wind energy projects include:

“Adverse effects on historic properties include, but are not limited to: [items i-iii do not apply]; (iv) Change of the character of the property’s use or of physical features within the property’s setting that contribute to its historic significance; (v) Introduction of visual, atmospheric or audible elements that diminish the integrity of the property’s significant historic features; [items vi-vii do not apply]” (CFR, 2004b).

The Project’s potential effect on a given historic property would be a change (resulting from the introduction of wind turbines) in the property’s visual setting. As it pertains to historic properties, *setting* is defined as “the physical environment of a historic property” and is one of seven aspects of a property’s *integrity*, which refers to the “ability of a property to convey its significance” (NPS, 1990:44-45). The other aspects of integrity include location, design, materials, workmanship, feeling, and association (NPS, 1990). The potential effect resulting from the introduction of wind turbines into the visual setting for any historic or architecturally significant property is dependent on a number of factors including distance, visual dominance, orientation of views, viewer context and activity, and the types and density of modern features in the existing view (such as buildings/residences, overhead electrical transmission lines, cellular towers, billboards, highways, and silos).

### 3.4 Visual Effects Analysis

The potential visibility and visual impact of the proposed Project is evaluated in the Visual Impact Assessment (VIA) for the Project (EDR, 2013c). The VIA includes an evaluation of the potential visibility of the Project based on viewshed analysis (including the screening effects of vegetation and Federal Aviation Administration (FAA) warning light visibility), field confirmation of visibility utilizing helium-filled balloons raised to the maximum blade-tip height of the proposed turbines (which included photo documentation of the visual setting and views toward the Project from 230 viewpoints), preparation of representative visual simulations, and evaluation of visual simulations by a panel of Registered Landscape Architects. Visual simulations from the VIA are included as Appendix D in this report.

The potential visibility of the Project from the identified historic resources (including those that are no longer standing) within the study area is summarized in Table 4 (see following pages) and depicted in Figures 4 and 5. The visibility analysis includes consideration of two viewshed analyses: one based solely on topography and the other based on the combined potential screening effect of topography and mapped forest vegetation. The methods used to generate these analyses are described in the Project's VIA (EDR, 2013c). The viewshed analyses are based on the maximum height of the proposed wind turbines (i.e., with a rotor blade oriented straight up in the "12 o'clock" position). The topographic viewshed defines the maximum area from which any portion of the proposed turbines could potentially be seen (ignoring the screening effects of existing vegetation and structures), and therefore represents a "worst case" assessment of potential Project visibility.

To supplement the topographic viewshed analysis, a vegetation viewshed was also prepared to illustrate the potential screening provided by forest vegetation. A base vegetation layer was created using the 2006 USGS National Land Cover Dataset (NLCD) to identify the mapped location of forestland (including the Deciduous Forest, Evergreen Forest, and Mixed Forest NLCD classifications) within the visual study area. Based on standard visual assessment practice, the mapped locations of the forest land were assigned an assumed height of 40 feet and added to the DEM. Once the initial vegetation viewshed analysis was completed, a Spatial Analyst conditional statement was used to assign zero visibility to all areas of mapped forest, resulting in the final vegetation viewshed. The vegetation viewshed is based on the assumption that in most forested areas, outward views will be well screened by the overhead tree canopy. During the growing season the forest canopy will fully block views of the proposed turbines, and such views will typically be almost completely obscured, or at least significantly screened by tree trunks and branches, even under "leaf-off" conditions. Because it accounts for the screening provided by mapped forest stands, the vegetation viewshed is a much more accurate representation of potential Project visibility.

The potential visual screening provided by mapped forest vegetation within the study area, which reduces the amount of area from which the Project will be potentially visible, is depicted on Figures 4 and 5. The number of

turbines potentially visible from each historic property within the study area (considering screening provided by topography and mapped forest vegetation) is listed in Table 4. It is important to note that because screening provided by buildings and street/yard trees, as well as characteristics of the proposed turbines that influence visibility (color, narrow profile, distance from viewer, etc.), are not taken consideration in the viewshed analyses, being within the viewshed does not necessarily equate to actual Project visibility. Field review of potential Project visibility conducted as part of the VIA (EDR, 2013c) for the Project verified that visual screening provided by existing buildings, yard trees, and other objects limit views of the Project from many areas where viewshed mapping suggests the Project is potentially visible, especially within village and hamlet settings.

**Table 4. Visual Effects Analysis for Historic Resources.**

<b>NYSOPRHP Site Identifier</b>	<b>Address, Property Name and/or Description</b>	<b>Previously Determined NRHP-Status</b>	<b>EDR Recommendation</b>	<b>Distance to Nearest Turbine (miles)</b>	<b>Turbines Visible Considering Topography</b>	<b>Turbines Visible Considering Topography &amp; Vegetation</b>
	Riverside Cemetery	Not Previously Surveyed	NRHP-Eligible	0.55	47	47
049.02.000006	9905 NY Route 26 (Decker-Cook-Sweet House)	Undetermined	NRHP-Eligible	0.70	33	28
049.02.000009	9906 NY Route 26 (Norton-Dunham-Knapp House)	Undetermined	NRHP-Eligible	0.73	35	28
049.02.000001	9918 NY Route 26 (Freedom Wright's Inn)	Undetermined	NRHP-Eligible	0.74	34	31
	2968 Cataract Street	Not Previously Surveyed	NRHP-Eligible	0.74	47	45
049.02.000036	NY Route 12 and County Route 14 (Structure D)	NRHP-I	Demolished	0.81	47	47
049.43.000055	9854 NY Route 12	NRHP-D	NRHP-Eligible	0.87	47	32
049.43.000074	NE Corner of NY Route 12 and Maiden Street (United Church of Copenhagen)	NRHP-I	NRHP-Eligible	0.87	47	38
049.43.000076	9978 NY Route 12 (Structure K2)	NRHP-I	NRHP-Eligible	0.88	47	21
049.43.000054	NY Route 12, Cataract and Washington Streets (Monument Park)	NRHP-D	NRHP-Eligible	0.88	47	22
049.43.000075	9972 NY Route 12 (Structure K2)	NRHP-I	NRHP-Eligible	0.88	47	24
	North Side of State Route 126 (Denmark Hillside Cemetery)	Not Previously Surveyed	NRHP-Eligible	0.90	13	11
049.43.000053	9794 NY Route 12 (Structure W)	NRHP-D	Not Eligible	0.90	45	29
049.43.000070	NY Route 12 (Structure K3)	NRHP-D	Not Eligible	0.90	47	39
049.43.000071	9933 NY Route 12 (Structure L3)	NRHP-D	Not Eligible	0.90	47	40
049.43.000072	9993 NY Route 12 (Structure M3)	NRHP-D	Not Eligible	0.90	47	42
049.43.000062	NY Route 12 (Structure C3)	NRHP-D	Demolished	0.91	47	34
049.43.000067	9957 NY Route 12 (Structure H3)	NRHP-D	Not Eligible	0.91	47	35
049.43.000066	9963 NY Route 12 (Structure G3)	NRHP-D	Not Eligible	0.91	47	35

<b>NYSOPRHP Site Identifier</b>	<b>Address, Property Name and/or Description</b>	<b>Previously Determined NRHP-Status</b>	<b>EDR Recommendation</b>	<b>Distance to Nearest Turbine (miles)</b>	<b>Turbines Visible Considering Topography</b>	<b>Turbines Visible Considering Topography &amp; Vegetation</b>
049.43.000064	NY Route 12 (Structure E3)	NRHP-D	Not Eligible	0.91	47	35
049.43.000065	NY Route 12 (Structure F3)	NRHP-D	Not Eligible	0.91	47	35
049.43.000068	NY Route 12 (Structure I3)	NRHP-D	Demolished	0.91	47	37
049.43.000056	NY Route 12 (Structure T3)	NRHP-D	Demolished	0.91	47	37
049.43.000063	9977 NY Route 12 (Structure D3)	NRHP-D	Not Eligible	0.91	47	37
049.02.000003	Unknown NY Route 26 (Blodgett House)	Undetermined	NRHP-Eligible	0.92	37	23
049.43.000060	9991 NY Route 12 (Structure A3)	NRHP-D	Not Eligible	0.92	47	28
049.43.000061	9985 NY Route 12 (Structure B3)	NRHP-D	Not Eligible	0.92	47	34
049.43.000059	10001 NY Route 12 (Structure Z2)	NRHP-D	Not Eligible	0.93	47	30
049.43.000052	9790 NY Route 12 (Structure V)	NRHP-D	Not Eligible	0.93	47	46
	10207 Old State Road	Not Previously Surveyed	NRHP-Eligible	0.94	36	24
049.02.000002	9997 NY Route 26 (Blodgett Inn and Tavern)	Undetermined	NRHP-Eligible	0.94	38	28
049.43.000051	9790 NY Route 12 (Structure U)	NRHP-D	NRHP-Eligible	0.94	47	47
049.43.000057	10005 NY Route 12 (Structure X2)	NRHP-D	NRHP-Eligible	0.95	47	29
	10051 Old State Road	Not Previously Surveyed	NRHP-Eligible	0.95	40	31
049.43.000050	9784 NY Route 12 (Structure T)	NRHP-D	Not Eligible	0.95	45	45
049.43.000049	120 High Street/NY Route 12 (Structure S)	NRHP-D	Not Eligible	0.96	47	47
049.43.000048	9776 NY Route 12 (Structure R)	NRHP-D	Not Eligible	0.97	47	47
049.43.000047	9770 NY Route 12 (Structure Q)	NRHP-D	Not Eligible	0.98	47	47
049.43.000046	9764 NY Route 12 (Structure P)	NRHP-D	Not Eligible	1.00	47	47
049.43.000044	9754 NY Route 12 (Structure N)	NRHP-D	Not Eligible	1.01	47	47
049.43.000042	9708 NY Route 12 (Structure L)	NRHP-D	Not Eligible	1.04	47	47
049.43.000091	3020 Mechanic Street (Copenhagen Central School)	Undetermined	NRHP-Eligible	1.05	47	40
	9304 NY Route 26	Not Previously Surveyed	NRHP-Eligible	1.08	22	19

<b>NYSOPRHP Site Identifier</b>	<b>Address, Property Name and/or Description</b>	<b>Previously Determined NRHP-Status</b>	<b>EDR Recommendation</b>	<b>Distance to Nearest Turbine (miles)</b>	<b>Turbines Visible Considering Topography</b>	<b>Turbines Visible Considering Topography &amp; Vegetation</b>
BIN 3-34011-0	Bridge Over Deer River (Vorce Road Bridge)	Undetermined	NRHP-Eligible	1.12	9	8
	2963 Mechanic Street	Not Previously Surveyed	NRHP-Eligible	1.15	47	47
049.05.000040	2952 Alexander Road	NRHP-I	Not Eligible	1.16	36	19
BIN 3-34010-0	Old State Road over the Deer River (Old State Road Bridge)	Undetermined	NRHP-Eligible	1.35	6	0
049.05.000038	8735 NY Route 12 (Gallup Cemetery)	NRHP-I	NRHP-Eligible	1.59	47	26
049.05.000034	8542 NY Route 12 (Fairview Cemetery)	NRHP-D	NRHP-Eligible	1.90	47	42
049.05.000032	3830 Vary Road	NRHP-D	Not Eligible	1.91	47	45
	10740 Old State Road	Not Previously Surveyed	NRHP-Eligible	1.93	47	42
049.05.000033	8535 NY Route 12 (House in Harrisburg Historic District)	NRHP-D	Not Eligible	2.01	47	47
049.05.000035	8501 NY Route 12 (House in Harrisburg Historic District)	NRHP-D	Not Eligible	2.05	37	37
049.05.000036	2813 Thesier Road (Battle Cemetery)	NRHP-I	NRHP-Eligible	2.16	32	0
	North Side of County Route 12 (South Champion Cemetery)	Not Previously Surveyed	NRHP-Eligible	2.23	32	24
	34354 NY Route 126 (The 1831 of Champion)	Not Previously Surveyed	NRHP-Eligible	2.68	0	0
	34418 NY Route 126	Not Previously Surveyed	NRHP-Eligible	2.68	0	0
08NR05893	34237 NY Route 126 (Hiram Hubbard House)	NRHP-Listed	NRHP-Listed	2.72	1	0
045.06.000050	34397 NY 126 (Louis J. Waite Farm)	NRHP-I	NRHP-Eligible	2.73	0	0
	20323 County Route 47 (Champion Grange Hall No. 18)	Not Previously Surveyed	NRHP-Eligible	2.80	0	0
	20324 Smith Street (Christ Covenant Lutheran Church)	Not Previously Surveyed	NRHP-Eligible	2.81	0	0

<b>NYSOPRHP Site Identifier</b>	<b>Address, Property Name and/or Description</b>	<b>Previously Determined NRHP-Status</b>	<b>EDR Recommendation</b>	<b>Distance to Nearest Turbine (miles)</b>	<b>Turbines Visible Considering Topography</b>	<b>Turbines Visible Considering Topography &amp; Vegetation</b>
	West Side of County Route 47 (Champion Hillside Cemetery), Champion	Not Previously Surveyed	NRHP-Eligible	3.07	4	0
	35208 NY Route 126	Not Previously Surveyed	NRHP-Eligible	3.20	14	0
	16801 Churchill Road	Not Previously Surveyed	NRHP-Eligible	3.25	19	11
049.09.000023	8049 Number Three Road	NRHP-D	NRHP-Eligible	3.36	47	47
049.41.000004	Intersection of Main Street and Railroad Street (Castorland Railroad Depot)	NRHP-I	Demolished	3.38	17	0
049.09.000030	8205 NYS Route 12	NRHP-I	NRHP-Eligible	3.46	27	27
049.09.000024	7477 Rice Road	NRHP-D	Not Eligible	3.74	47	31
	10418 NY Route 126	Not Previously Surveyed	NRHP-Eligible	4.11	47	47
	34966 Sayre Road	Not Previously Surveyed	NRHP-Eligible	4.18	0	0
	SE Corner of Sayre Road and County Route 47 (Abbott House)	Not Previously Surveyed	NRHP-Eligible	4.24	0	0
	South Side of County Route 69 (South Rutland Cemetery)	Not Previously Surveyed	NRHP-Eligible	4.44	7	0
	10912 NY Route 126	Not Previously Surveyed	NRHP-Eligible	4.45	47	10
049.13.000081	Van Amber Road Bridge over Beaver River	NRHP-I	NRHP-Eligible	4.46	47	5
	10291 NY Route 126 (Union Cemetery of Naumburg)	Not Previously Surveyed	NRHP-Eligible	4.48	47	42
045.06.000007	SW corner of NY Routes 26 and 126 (Hillside Cemetery)	Undetermined	NRHP-Eligible	4.56	47	10
	21 North Jefferson Street	Not Previously Surveyed	NRHP-Eligible	4.74	47	47
045.06.000031	27 Lathrop Street	Undetermined	NRHP-Eligible	4.76	37	11
	4 North Jefferson Street	Not Previously Surveyed	NRHP-Eligible	4.78	47	47
	10178 NY Route 126	Not Previously Surveyed	NRHP-Eligible	4.80	47	47
	6 1/2 South Main Street	Not Previously Surveyed	NRHP-Eligible	4.81	47	39

<b>NYSOPRHP Site Identifier</b>	<b>Address, Property Name and/or Description</b>	<b>Previously Determined NRHP-Status</b>	<b>EDR Recommendation</b>	<b>Distance to Nearest Turbine (miles)</b>	<b>Turbines Visible Considering Topography</b>	<b>Turbines Visible Considering Topography &amp; Vegetation</b>
045.06.000024	21 1/2 North Main Street (West Carthage Congregational Church)	Undetermined	NRHP-Eligible	4.81	45	45
	30 1/2 North Main Street	Not Previously Surveyed	NRHP-Eligible	4.83	47	47
045.06.000035	4 Bridge Street	Not Eligible	NRHP-Eligible	4.90	47	47
	Utica & Black River Railroad Bridge	Not Previously Surveyed	NRHP-Eligible	4.95	10	0
	21534 Staplin Road	Not Previously Surveyed	NRHP-Eligible	5.10	40	27
	South Side of County Route 60 (Maple Hill Cemetery)	Not Previously Surveyed	NRHP-Eligible	5.72	5	5
	25516 State Route 12	Not Previously Surveyed	NRHP-Eligible	8.10	0	0

The visibility analysis presented in Table 4 includes the distance from each historic resource to the nearest turbine. Three distinct distance zones are typically defined in visual studies. Consistent with well-established agency protocols (e.g., Jones and Jones 1977; U.S. Forest Service, 1995), EDR generally defines these zones as follows:

- *Foreground:* 0 to 0.5 mile. At these distances, a viewer is able to perceive details of an object with clarity. Surface textures, small features, and the full intensity and value of color can be seen on foreground objects.
- *Mid-ground:* 0.5 to 3.5 miles. The mid-ground is usually the predominant distance at which landscapes are seen. At these distances a viewer can perceive individual structures and trees but not in great detail. This is the zone where the parts of the landscape start to join together; individual hills become a range, individual trees merge into a forest, and buildings appear as simple geometric forms. Colors will be clearly distinguishable, but will have a bluish cast and a softer tone than those in the foreground. Contrast in color and texture among landscape elements will also be reduced.
- *Background:* Over 3.5 miles. The background defines the broader regional landscape within which a view occurs. Within this distance zone, the landscape has been simplified; only broad landforms are discernible, and atmospheric conditions often render the landscape an overall bluish color. Texture has generally disappeared and color has flattened, but large patterns of vegetation are discernible. Silhouettes of one land mass set against another and/or the skyline are often the dominant visual characteristics in the background. The background contributes to scenic quality by providing a softened background for foreground and mid-ground features, an attractive vista, or a distant focal point.

Of the 83 extant historic resources within the study area<sup>4</sup>, there are no resources located less than 0.5-mile from the Project (i.e., where the Project would be a feature in the foreground), 62 resources are located between 0.5 and 3.5 miles from the Project (i.e., where the Project would be a feature in the mid-ground), and 21 resources are located more than 3.5 miles from the Project (i.e., resources where the Project would be a feature in the background). The potential visibility of the Project (based on viewshed analysis that considers the screening effect of both topography and vegetation) from historic resources within each of these zones is summarized in Table 5.

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<sup>4</sup> Note that the visibility analysis in Tables 4 and 5 includes 88 properties – which include five previously identified properties that NYSOPRHP had determined to be NRHP-eligible but that have subsequently been demolished.

**Table 5. Summary of Potential Project Visibility from Historic Resources.**

Historic Resources (NRHP-Eligibility Status/Distance Zone)	Total # of Historic Resources	# of Turbines Visible (Topography & Vegetation)				
		0	1-12	13-24	25-36	37-47
<b>NRHP-Listed</b>	<b>1</b>	<b>1</b>				
Distant Mid-ground (1.5-3.5 miles)	1	1				
<b>NRHP-Eligible (EDR Recommendation)</b>	<b>57</b>	<b>14</b>	<b>8</b>	<b>7</b>	<b>10</b>	<b>18</b>
Near Mid-ground (0.5-2.0 miles)	25	1	2	6	8	8
Distant Mid-ground (2.0-3.5 miles)	12	8	1	1	1	1
Background (>3.5 miles)	20	5	5		1	9
<b>Not NRHP-Eligible (EDR Recommendation)</b>	<b>25</b>			<b>1</b>	<b>9</b>	<b>15</b>
Near Mid-ground (0.5-2.0 miles)	22			1	8	13
Distant Mid-ground (2.0-3.5 miles)	2					2
Background (>3.5 miles)	1				1	
<b>Demolished</b>	<b>5</b>	<b>1</b>			<b>1</b>	<b>3</b>
Near Mid-ground (0.5-2.0 miles)	4				1	3
Distant Mid-ground (2.0-3.5 miles)	1	1				
<b>Total</b>	<b>88</b>	<b>16</b>	<b>8</b>	<b>8</b>	<b>20</b>	<b>36</b>

The VIA for the Project (EDR, 2013c) also included 10 visual simulations that illustrate the potential visual effect of the Project from various distances and visual settings within the study area. Note that the simulations from the VIA were based on a 62-turbine layout for the Project (this layout was also described in the Phase 1A report). Subsequent to the completion of the VIA and Phase 1A studies, the Project layout has been reduced to a 47-turbine layout. Five of the 10 simulations from the VIA have been revised to reflect the reduced number of turbines (Viewpoints 17, 86, 96, 125, and 200). These five simulations were selected because out of the 10 simulations included in the VIA, these five featured views of the Project where there would be a meaningful change in the overall visual effect resulting from the revised layout (i.e., the other five views will not be significantly changed with the revised layout). In Appendix D, the simulations include notes indicating whether they depict the original 62-turbine or revised (reduced) 47-turbine layout. The simulations that have not been revised and show the original 62-turbine layout (Viewpoints 2, 49, 63, 155, and 159) are generally foreground and near mid-ground views where, although the placement of turbines may have shifted in some instances in the revised layout, the overall effect on views from these representative viewpoints will be essentially the same for the 47-turbine layout. The visual simulations included in Appendix D provide representative views of the potential visual effect of the Project from a variety of distances and settings within the study area, as summarized in Table 6 (see Figure 5 for locations of simulated viewpoints).

**Table 6. Viewpoints Selected for Simulation.**

Viewpoint Number	Location and/or Visually Sensitive Resource	Nearest Historic Resource/ Visual Context	Viewing Distance <sup>1</sup>	View Orientation <sup>2</sup>
2	Fuller Road, Town of Denmark	n/a (representative near mid-ground view)	0.7	SW
17	Copenhagen Central School, Village of Copenhagen	3020 Mechanic Street/ Copenhagen Central School (representative partially screened view from Village of Copenhagen)	1.7	NE
49	Pleasant Lake, Town of Champion	n/a (representative mid-ground view and effect of forest screening)	1.4	SE
63	County Road 194, Town of Denmark	2963 Mechanic Street (approach to Copenhagen from SW)	2.1	NE
86	NYS Route 12, Village of Copenhagen	Copenhagen Village Historic District South (representative open view from Village of Copenhagen/NY Route 12)	1.9	W
96	Maple Ridge Wind Farm, Porter Road, Town of Harrisburg	n/a (representative background view and existing wind turbines in visual setting)	4.8	N
125	Cook Road, Town of Rutland	South Rutland Cemetery (representative background view from W)	4.1	E
155	Mud Street, Town of Denmark	n/a (representative foreground view)	0.3	NE
159	NYS Route 26, Town of Denmark	9905, 9906, 9918 NY Route 26 and Denmark Hillside Cemetery (representative open view from NY Route 26)	0.8	SW
200	NYS Route 126, Town of Croghan	10418 NY Route 126 (representative background view from NE)	3.8	SW

<sup>1</sup>Distance from viewpoint to nearest visible turbine (in miles)

<sup>2</sup>N = North, S = South, E = East, W = West

As described in the VIA (EDR, 2013c), the Project will result in generally greater visual contrast from vantage points located close to the turbines, where the turbines appear larger, and that provide relatively open views that feature multiple turbines. Therefore, the potential visual effect of the Project on the visual setting associated with historic resources will generally be greater for resources where the Project is featured in the foreground and/or near mid-ground (i.e., within approximately two miles) of the view. No NRHP-eligible historic resources are located within 0.5 miles of the proposed turbines. Therefore, no historic resources will feature turbines in the foreground of views of and from the site.

There are 25 properties that EDR is recommending are NRHP-eligible located between 0.5-mile and two miles from the Project (i.e., where the Project would be a feature in the near mid-ground of the view of and from these

resources; see Table 5; Figure 5). According to the viewshed model, forest vegetation will completely screen views of the Project from one of the resources located within two miles of the Project (Old State Road Bridge, Town of Denmark), two will have views of 12 or fewer turbines, six will have potential views of between 13 and 24 turbines, and 16 will have potential views of more than 25 wind turbines. The potential visual effect of the Project on historic resources located within two miles of the Project is illustrated in the representative views provided in the simulations for Viewpoints 2, 17, 49, 86, 155, and 159 (see Appendix D). The simulations from Viewpoints 2 (Fuller Road), 155 (Mud Street), and 159 (NY Route 26) are representative of the scale and visual effect of the Project at distances less than one mile from the turbines. The simulation from Viewpoint 49 (Pleasant Lake) is representative of the extent to which forest vegetation screens views of the Project when the turbines are located in the near mid-ground of the view.

Of the 25 properties that EDR is recommending to be NRHP-eligible within two miles of the Project, eight are located in or near the hamlet of Denmark and 11 are located in the Village of Copenhagen. The simulation from Viewpoint 159 is generally representative of open views of the Project from the vicinity of the eight sites located on NY Route 26 in and southeast of the hamlet of Denmark (see Figure 5, Sheet 3, Inset 3). The simulations from Viewpoints 17 and 86 are representative of the visual effect of the Project on resources located within the village (see Figure 5, Sheet 2). The simulation from Viewpoint 17 is a view from Copenhagen Central School and is representative of the screening effect that buildings and vegetation and vegetation have on outward views from within the village. The simulation from Viewpoint 86 is a view from NY Route 12 within the southern portion of the village and is representative of open views from within (and along the outskirts of) the village toward the Project site.

More distant mid-ground views (i.e., between two and 3.5 miles) of the Project will be potentially available from 13 historic resources. These include the NRHP-listed Hiram Hubbard House and 12 properties that are, in the opinion of EDR, NRHP-eligible. According to the viewshed analysis, views of the Project will be completely screened from the Hiram Hubbard House and eight of the 12 properties that EDR evaluated as NRHP-eligible located between two and 3.5 miles from the Project. The potential effect of the Project on the visual setting associated with the other four resources located between two and 3.5 miles from the turbines resources will generally be less than for resources located closer to the Project. As described in the VIA for the Project (EDR, 2013c), the effect on the view from vantage points where the Project will be featured in the distant mid-ground is dependent on many factors including the openness of the view, the number of visible turbines, the extent to which the Project is screened or partially screened by buildings, trees, or other objects, and the amount of existing visual clutter and/or modern intrusions in the view. The scale and potential visual effect of the Project on historic resources with distant mid-ground views of the Project is illustrated in the simulation for Viewpoint 63 (see Appendix D), which is from Mechanic Street/County Route 194 approximately 2.1 miles southwest of the Village of Copenhagen.

The remaining 20 sites that EDR is recommending NRHP-eligible within the study area are located greater than 3.5 miles from the Project, where proposed turbines would be features in the background of the view from these resources. Based on the viewshed analyses, views of the turbines will be completely screened from five of the historic resources located more than 3.5 miles from the Project. Of the remaining 15 NRHP-eligible sites with potential background views, five potentially have views of up to 12 turbines, one has potential views of 25-36 turbines, and nine have potential views of 37-47 turbines.

The NRHP-listed and recommended NRHP-eligible resources located greater than 2.0 miles from the Project include six sites in the hamlet of Champion (including the NRHP-listed Hiram Hubbard House; see Figure 5, Sheet 3, Inset 4) and eight sites in the Village of West Carthage (see Figure 5, Sheet 3, Inset 3). Only one site (the Champion Hillside Cemetery) in Champion has potential views of the Project (visibility from the remaining five sites in Champion is screened by topography). The field review conducted as part of the VIA (EDR, 2013c) indicated that vegetation screened views towards the Project from the Champion Hillside Cemetery. The field review for the VIA also documented that existing buildings, street trees, yard vegetation, utility poles, and other objects obstruct distant views out of the Village of West Carthage and screen views of the Project site, particularly within the residential core of the village, where most of the historic resources are located. Potential views of the Project from within the village were limited to the edges of the developed areas, where gaps between buildings allow for more distant views toward the Project site. However, these areas also feature more recent commercial and transportation development that diminishes the integrity of the setting of nearby historic resources. The Project is not expected to be visible from most portions of the Village of West Carthage. From areas where partial views of the Project are available, the Project will be a minor component in the background of the view and is not expected to have a significant effect on the visual setting associated with historic resources in the village.

The potential visual effect of the Project on historic resources located greater than 3.5 miles of the Project is illustrated in the representative views provided in the simulations for Viewpoints 96, 125, and 200 (see Appendix D). The proposed turbines will not be prominent features in the view from these areas and will not significantly affect the visual setting associated with historic resources located more than 3.5 miles from the turbines. It is worth noting the simulation from Viewpoint 96 includes the existing wind turbines from the Maple Ridge Wind Farm in the foreground of the view, and the visual simulation illustrates the cumulative effect of the proposed Project on this view. In addition, because the Maple Ridge Wind Farm has been in operation since 2006, the appearance and visual effect of wind turbines are generally familiar and accepted components of the landscape within the visual study area for the Copenhagen Wind Farm.

In addition, there are 25 additional properties within the APE that were formerly determined NRHP-eligible that EDR is recommending are not NRHP-eligible and five properties that were formerly determined NRHP-eligible that are now demolished (see Table 5). Due to the condition and/or integrity of these properties, they are not considered architecturally or historically significant, and therefore the visual effect of the Project on their visual setting is not considered a significant impact on historic resources.

In addition, proposed electrical infrastructure associated with the proposed Project also will result in some level of visual impact. Above-ground electrical infrastructure includes a collection substation, transmission line, and POI substation. These components of the Project will present contrast with the largely undeveloped/agricultural character of the Project area and add visual clutter to the landscape. However, this effect will be limited due to the distance of these facilities from public vantage points, their relatively modest height, and screening provided by native vegetation. Only three of the historic resources identified during the survey are located within one mile of the proposed transmission line (see Table 7; Figure 5).

**Table 7. Historic Resources Located within One Mile of the Proposed Transmission Line.**

<b>NYSOPRHP Site Identifier</b>	<b>Address</b>	<b>Previously Determined NRHP-Status</b>	<b>EDR Recommendation</b>	<b>Distance to Proposed Transmission Line (miles)</b>
-	South Champion Cemetery North Side of County Route 12, Champion	Not Previously Surveyed	Eligible	0.24
-	Maple Hill Cemetery South Side of County Route 60, Rutland	Not Previously Surveyed	Eligible	0.48
-	16801 Churchill Road, Rutland	Not Previously Surveyed	Eligible	0.82

The preliminary design of the line (single pole, Davit arm structures, 65-80 feet tall with 400 foot average spans) limits the number of poles required and width of ROW that would need to be cleared. It is also consistent in line, character and scale with other existing utility structures in the landscape, including roadside distribution lines, communication towers, and transmission lines. Photo renderings of the proposed transmission line from two representative viewpoints within the study area indicate that the visibility and visual impact of the line will be variable based on the distance and position of the viewer relative to the line (see Appendix D: Viewpoints 140 and 141; see also Figure 5 for viewpoint locations). When viewed at close distance (e.g., near proposed road crossings) the line will appear fairly prominent, especially when viewed against the sky. At greater distances the line generally presents limited contrast and blends well with the surrounding landscape. The narrow profile of the single wood poles limits their visual weight, and their natural color generally blends well with background vegetation. Visibility of the proposed transmission line is not anticipated to have a significant effect on the visual setting associated with historic structures.

## **4.0 SUMMARY AND CONCLUSIONS**

### **4.1 Summary of Historic-Architectural Resources Survey Results**

On behalf of Copenhagen Wind Farm, LLC, EDR conducted a historic resources survey for the proposed Copenhagen Wind Farm Project, located in the Town of Denmark, in Lewis County, New York. Per the *SHPO Wind Guidelines*, the APE for visual impacts on historic properties for wind projects is defined as those areas within five miles of proposed turbines which are within the potential viewshed (based on topography) of the project (NYSOPRHP, 2006). The Project APE also includes those areas located within one mile of the proposed overhead transmission line for the Project. The historic resources survey was conducted (per the *SHPO Wind Guidelines*) in accordance with a Work Plan developed in consultation with and approved by NYSOPRHP staff.

A total of 88 resources were inventoried as part of the historic resources survey. The results of the survey are as follows:

- One property (the Hiram Hubbard House) listed on the NRHP is located within the APE.
- There are 57 properties located within the APE that EDR recommends are NRHP-eligible (note that 14 of these are properties that have been previously determined eligible by NYSOPRHP, 11 properties were previously included in SPHINX but were not formally evaluated for NRHP-eligibility, 31 are newly identified by EDR, and one was formerly determined not eligible by NRHP).
- There are 25 additional properties within the APE that were formerly determined NRHP-eligible that EDR is recommending are not NRHP-eligible and five properties that were formerly determined NRHP-eligible that are now demolished

### **4.2 Summary of Project's Potential Effect on Historic Resources**

Construction of the Project will not require the demolition or physical alteration of any buildings or other potential historic resources. No direct physical impacts to historic-architectural resources will occur as a result of the Project. The Project's potential effect on historic resources would be a change (resulting from the introduction of wind turbines) in the visual setting associated with a given historic resource. The potential effect of the Project on the visual setting associated with historic resources is highly variable, and is dependent on a number of factors including the distance to the project, the number of visible turbines, the extent to which the Project is screened or partially screened by buildings, trees, or other objects, and the amount of existing visual clutter and/or modern intrusions in the view. It is also worth noting that visual setting may or may not be an important factor contributing to a given property's historical significance. Scenic views and/or association with the landscape are not specifically identified as contributing to the significance of any of the historic resources in the study area.

In general, the scale and character of the wind turbines will result in a more significant effect on the setting associated with historic resources located in close proximity to the Project (i.e., within approximately two miles) and will generally result in less significant effects on properties where the turbines are features in the distant mid-ground or background of the view. Visual simulations included in Appendix D illustrate the potential visual effect of the turbines at various distances and from representative visual settings within the APE. It is worth noting that wind turbines from the Maple Ridge Wind Farm are established existing features of the landscape within the visual study area. The Maple Ridge Wind Farm is a 321 MW wind energy facility that includes 195 turbines located in the towns of Lowville, Martinsburg, and Harrisburg in Lewis County. This facility is located approximately 2.4 miles southeast of the Copenhagen Wind Farm Project. Because the Maple Ridge Wind Farm has been in operation since 2006, the appearance and visual effect of wind turbines are generally familiar and accepted components of the landscape within the visual study area for the Copenhagen Wind Farm. The presence of existing wind turbines in the visual setting of many of the historic resources in the study area helps to minimize the potential visual effect of the proposed Project.

Consideration of the screening effects of both topography and mapped forest vegetation in the viewshed analyses (i.e., the vegetation viewshed analysis) indicates that views of the Project will be completely screened from the only NRHP-listed site in the APE and 14 of the 57 properties recommended by EDR to be NRHP-eligible. However, the vegetation viewshed analysis does not take into account screening that would be provided by buildings, street trees, yard vegetation, or other objects that could screen views of the Project from many locations (especially in urban, village, and hamlet settings). In addition, characteristics of the proposed turbines that influence visibility (color, narrow profile, distance from viewer, etc.), are not taken consideration in the viewshed analyses, so actual visibility of the Project is expected to be significantly less than indicated by viewshed mapping.

There are 25 properties that EDR is recommending are NRHP-eligible located between 0.5-mile and two miles from the Project (i.e., where the Project, if visible, would be a feature in the near mid-ground of the view of and from these resources). The potential visual effect of the Project on the setting associated with these properties is greater relative to other resources in the APE due to the proximity and perceived scale of the turbines. However, the actual visibility of the Project from these resources varies in terms of the number of turbines potentially visible and the extent of existing screening present at each site. In general, the visual effect of the Project will be more significant from locations with open views of the Project. Of the 25 identified historic resources with potential near mid-ground views of the Project, 11 are located in the Village of Copenhagen and eight are located in or near the hamlet of Denmark. In general, open views towards the Project are less frequent in developed areas due to the extent of screening provided by existing buildings, vegetation, and other objects. In many locations, views of the Project will be limited to

occasional, partially screened view where portions of single (or relatively few) turbines (or turbine blades) will be visible in the gaps between existing buildings and yard vegetation.

More distant mid-ground views of the Project (i.e., between two and 3.5 miles) will be potentially available from 13 historic resources. Views of the Project will be completely screened from nine of these 13 properties (including the NRHP-listed Hiram Hubbard House). The potential effect of the Project on the visual setting associated with the other four resources located between two and 3.5 miles from the turbines resources will generally be less than for resources located closer to the Project. The remaining 20 sites that EDR is recommending NRHP-eligible within the study area are located greater than 3.5 miles from the Project, where proposed turbines would be features in the background of the view from these resources. Views of the turbines will be completely screened from five of these historic resources. Although the Project will be visible from the remaining 15 resources, because of the effect of distance the proposed turbines are not anticipated to be prominent features in the view from these areas and will not significantly affect the visual setting associated with historic resources located more than 3.5 miles from the Project.

It is worth noting that visibility of a project does not necessarily indicate that an adverse effect will occur. The New York State Department of Environmental Conservation (NYSDEC) guidance concerning visual impacts on aesthetic resources of statewide significance (which include NRHP-listed and NRHP-eligible structures) defines significant aesthetic impacts as those “that may cause a diminishment of the public enjoyment and appreciation of an inventoried resources, or one that impairs the character or quality of such a place... Mere visibility, even startling visibility of a project proposal, should not be a threshold for decision making. Instead a project, by virtue of its visibility, must clearly interfere with or reduce the public’s enjoyment and/or appreciation of the appearance of an inventoried resource” (NYSDEC, 2000:5). In addition, visual setting may not be an important factor contributing to a given property’s historical significance. For instance, in most cases rural residential and farmstead properties in New York are determined NRHP-eligible under NRHP Criterion C (i.e., they “embody the distinctive characteristics of a type, period, or method of construction” [CFR, 2004a]). These properties are typically determined NRHP-eligible because they are representative examples of vernacular nineteenth-century architectural styles that retain their overall integrity of design and materials. These properties would retain the characteristics that caused them to be recommended eligible after the introduction of wind turbines and/or a transmission line into their visual settings. For these types of resources, the potential change in the setting resulting from the Project will not necessarily result in diminished public enjoyment and appreciation of a given historic property, or impair its character or quality (per NYSDEC, 2000, see above).

In addition (as noted previously), there are 25 properties within the APE that were formerly determined NRHP-eligible that EDR is recommending are not NRHP-eligible and five properties that were formerly determined NRHP-eligible

that are now demolished. Due to the condition and/or integrity of these properties, they are not considered architecturally or historically significant, and therefore the visual effect of the Project on their visual setting is not considered a significant impact on historic resources.

### **4.3 Recommendations**

Mitigation options are limited, given the nature of the Project and its siting criteria (very tall structures typically located in open fields at the highest locally available elevations). Mitigation for impacts to historic properties therefore typically consist of projects that benefit historic properties and/or the public's appreciation of historic resources to offset potential impacts to historic properties resulting from the introduction of wind turbines into their visual setting. Mitigation projects that have been proposed for other wind energy projects in New York State have included activities such as additional historic resources surveys, NRHP nominations, monetary contributions to historic property restoration causes, development of heritage tourism promotional materials, development of educational materials and lesson plans, and development of public history materials, such as roadside markers. Potential mitigation projects would need to be defined and developed in consultation with the Lead Agency and NYSOPRHP.

A not-for-profit advocacy group based in the Village of Copenhagen called WinDenmark provides an established local mechanism for financially supporting projects that benefit the community, including historic preservation projects. Copenhagen Wind will work with WinDenmark and representatives of the Town of Denmark and Village of Copenhagen to identify appropriate projects that could receive funding/sponsorship from the Applicant. Types of mitigation projects that could be considered for this Project include the following:

- Support façade improvements in the Village of Copenhagen. Although many of the individual properties in Copenhagen do not retain sufficient integrity of form and materials to be considered NRHP-eligible, the overall layout, form, massing, and spacing of buildings contribute to the historic feeling and setting within the Village. Façade improvements appropriate to the age, style, and character of structures in Copenhagen would improve the general aesthetics and historic character of the Village. It is anticipated that WinDenmark would administer the funding for and facilitate the improvement projects including selecting consultants and contractors and providing their insight and expertise as long-time residents of the community.
- Prepare a “Stone Houses of the North Country” Multiple Property Document (MPDF) and NRHP nominations for eligible properties. These nominations would provide a mechanism for these properties to be listed on the NRHP, which allows property owners to access state and federal tax credit programs that financially support the repair and maintenance of historic properties.

- Sponsor a workshop (or series of workshops) to educate and assist owners of NRHP-listed and NRHP-eligible properties in the study area to understand the benefits of NRHP listing and assist with applications for historic preservation tax credits to offset/support owners' improvements to their properties.
- Support the development of local history curriculum and educational materials for use public schools within the study area. This is also a project that would be ideal for WinDenmark to support and facilitate.

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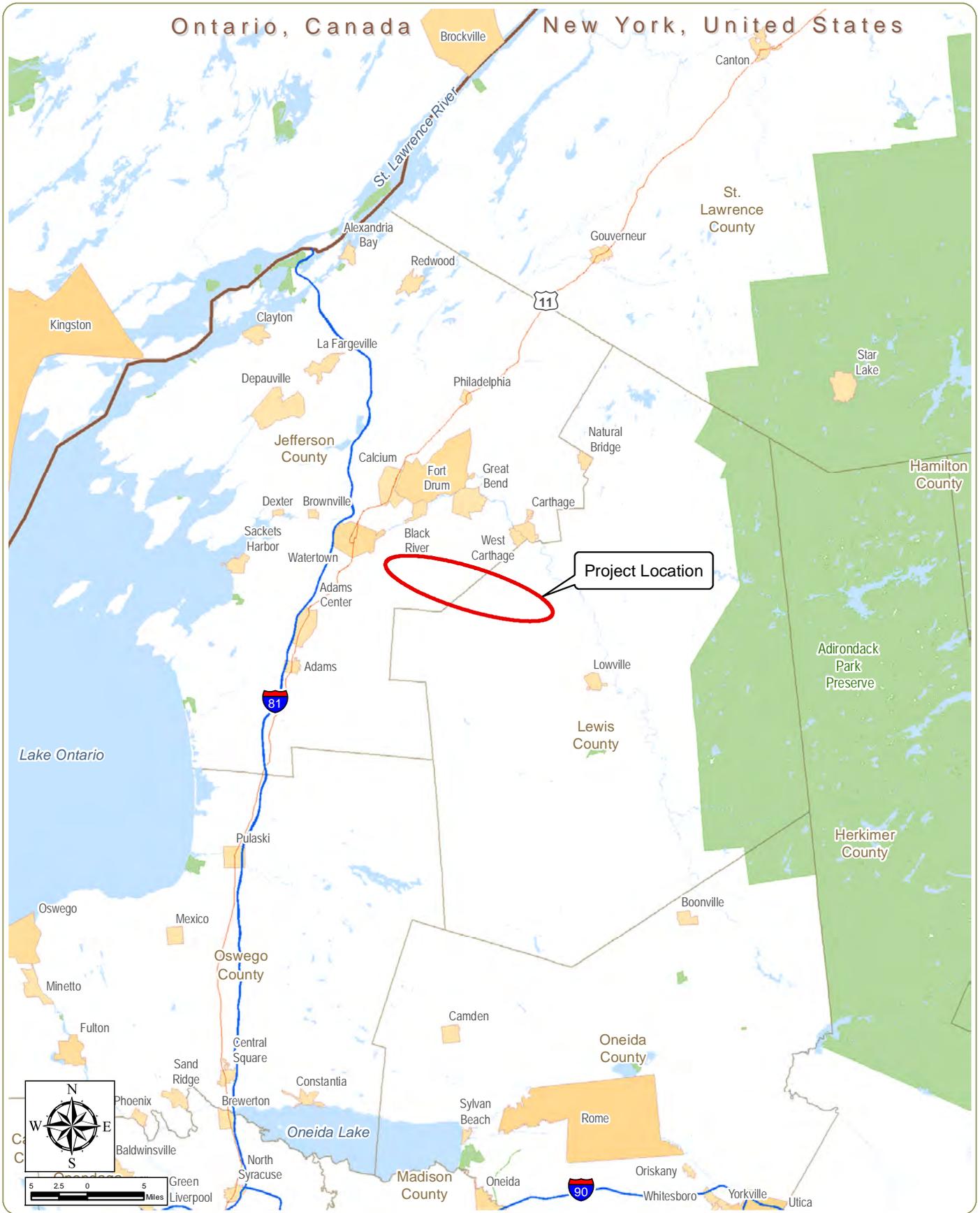
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## Figures



### Copenhagen Wind Farm

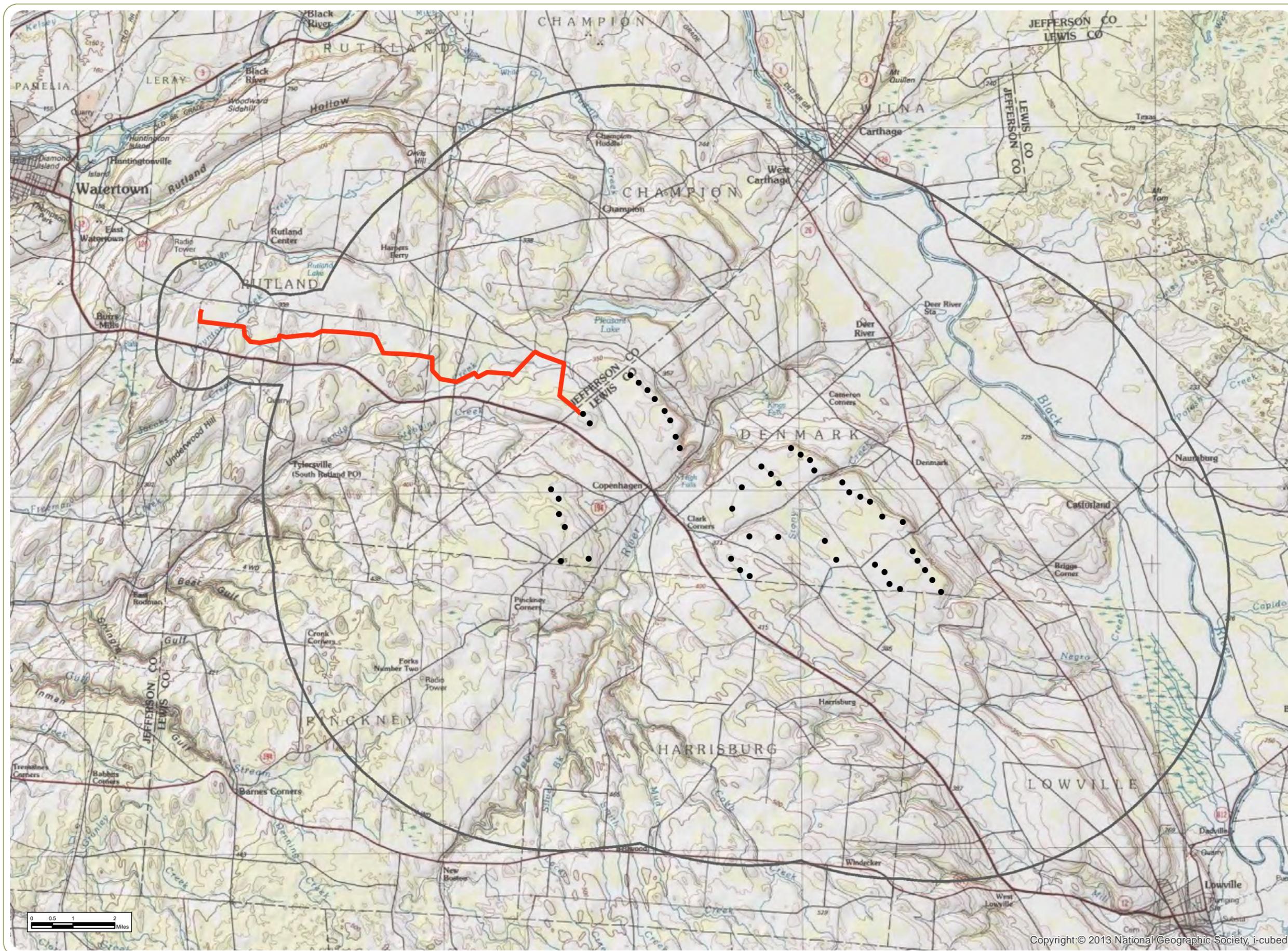
Town of Denmark - Lewis County, NY and  
Towns of Rutland, and Champion, - Jefferson County, NY

Figure 1: Regional Project Location  
January 2014

Notes: Basemap: ESRI Streetmap North America, 2008.







# Copenhagen Wind Farm

Town of Denmark, Lewis County and Towns of Rutland, and Champion, Jefferson County, New York

Figure 3: Study Area

January 2014

- Wind Turbine
- Transmission Line
- ▭ Study Area

Notes:  
 Base Map: ESRI ArcGIS Online Map  
 Services: USA Topographic Maps.



# Copenhagen Wind Farm

Town of Denmark, Lewis County;  
Towns of Champion and Rutland,  
Jefferson County

Figure 4: Previously Surveyed  
Historic Resources

Sheet 1: 5-Mile Study Area

January 2014

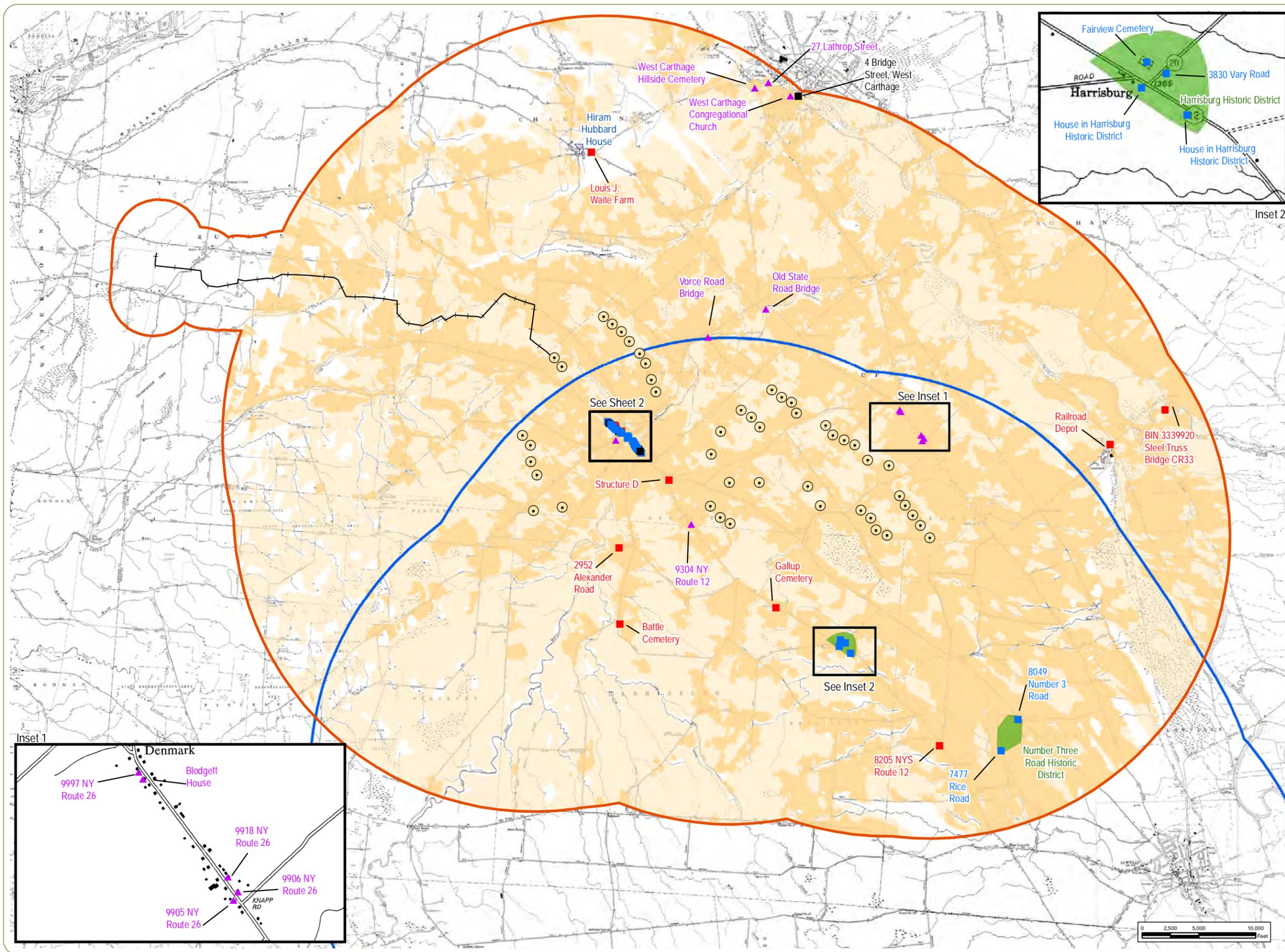
Previously Surveyed  
Properties

- NRHP-Eligible - Individual
- NRHP-Eligible - District
- Not NRHP-Eligible
- ▲ Undetermined
- Previously Identified NRHP-Eligible District
- NRHP-Listed Site
- Wind Turbine
- Transmission Line
- 5-Mile Study Area
- Previous Cultural Resources Survey (Maple Ridge Wind Farm)

Viewshed

- Potential Visibility Considering Vegetation and Topography
- Potential Visibility Considering Only Topography

Notes:  
Basemap: NYSDOT 1:24,000 Quadrangles,  
Copenhagen, Carthage, Rutland Center,  
Barnes Corners, New Boston, and West  
Lowville.



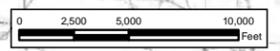
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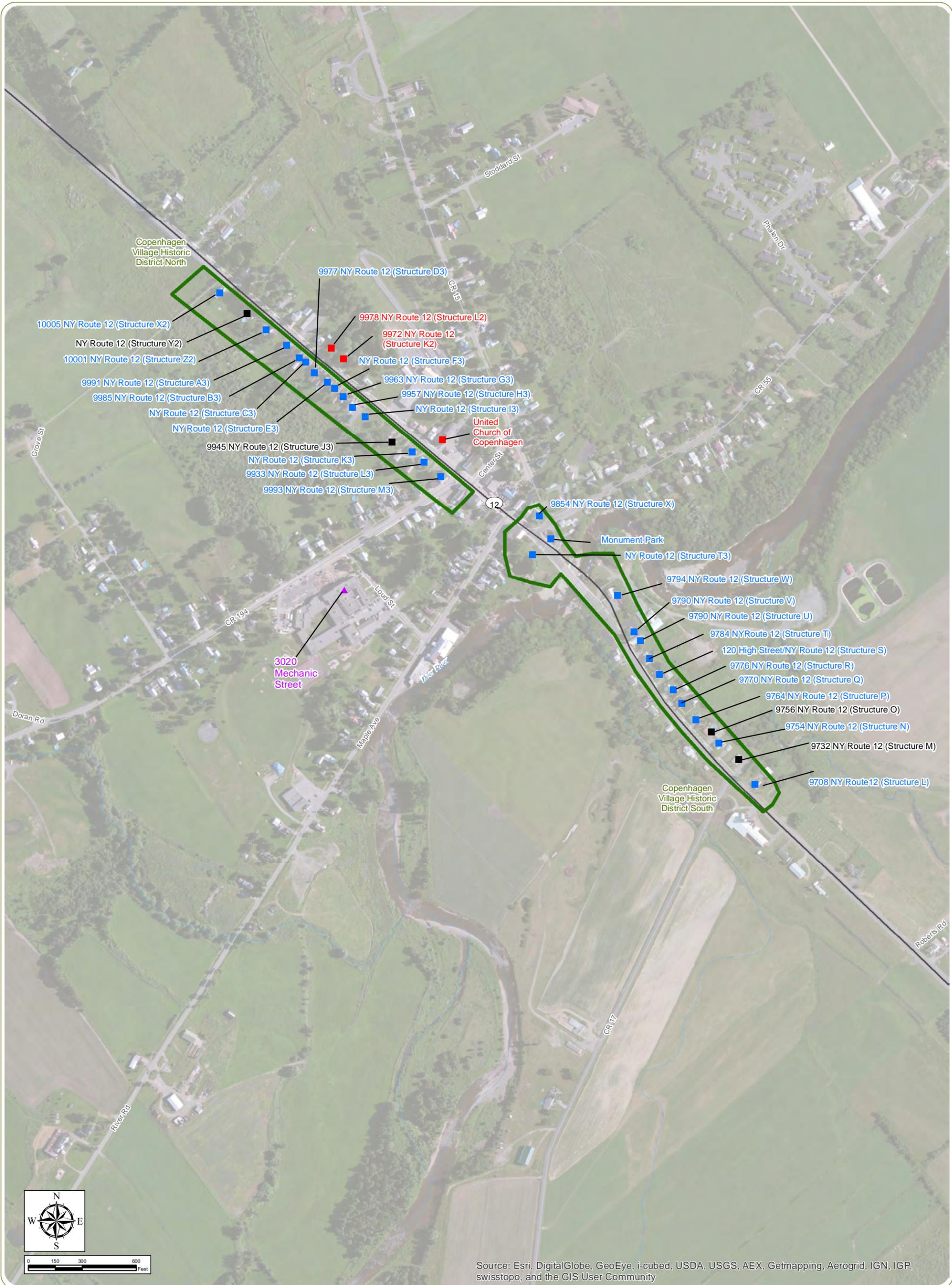
See Sheet 2

See Inset 1

See Inset 2

Inset 1





## Copenhagen Wind Farm

Town of Denmark, Lewis County;  
Towns of Champion and Rutland, Jefferson County

Figure 4: Previously Surveyed Historic Resources

Sheet 2: Village of Copenhagen

January 2014

Notes: Base Map: ESRI Online Aerial Imagery Map Service and ESRI StreetMap North America, 2012.

### Previously Surveyed Properties

- NRHP-Eligible - Individual
- NRHP-Eligible - District
- Not NRHP-Eligible/Non-Contributing
- ▲ Undetermined
- Previously Identified NRHP-Eligible District





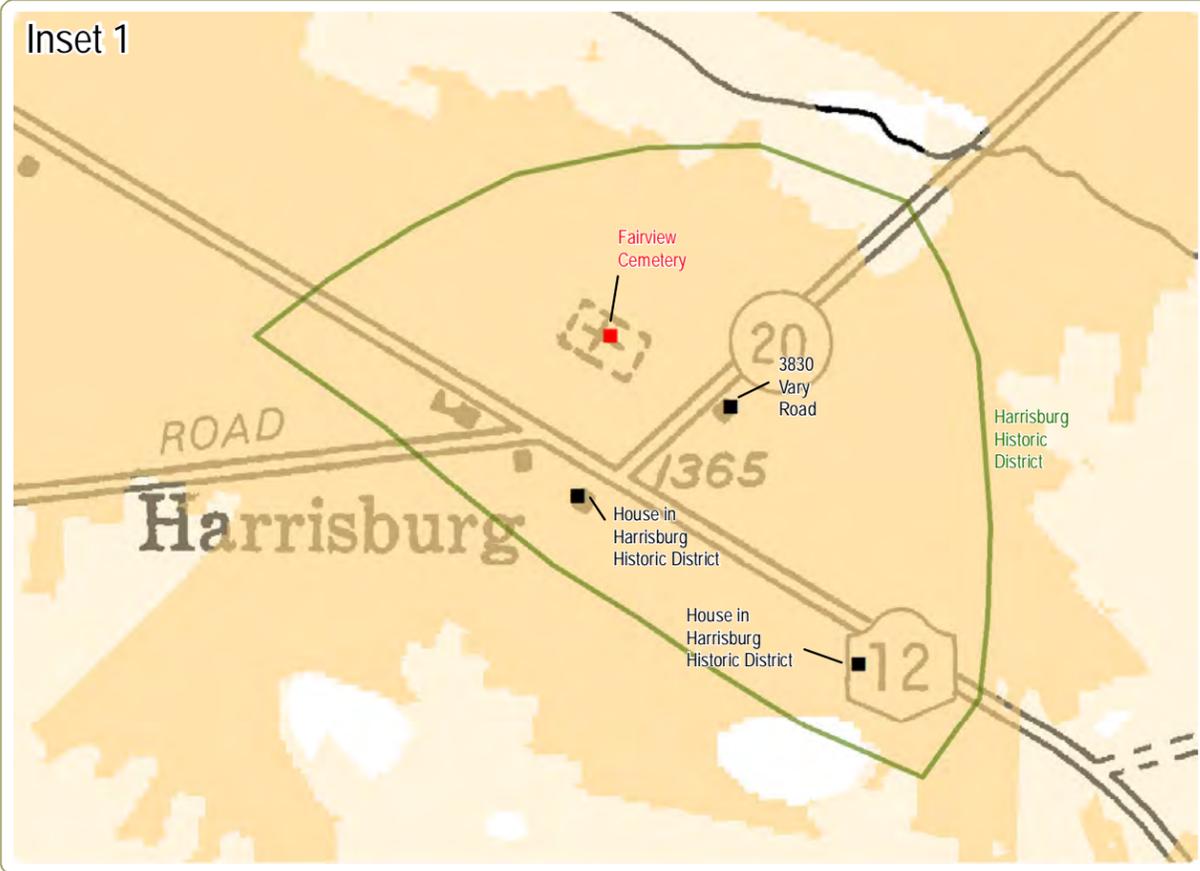
**Copenhagen Wind Farm**  
 Town of Denmark, Lewis County;  
 Towns of Champion and Rutland, Jefferson County  
**Figure 5: Historic Resources Survey Results**  
 Sheet 2: Village of Copenhagen  
 January 2014

Notes: Base Map: ESRI Online Aerial Imagery Map Service and ESRI StreetMap North America, 2012.

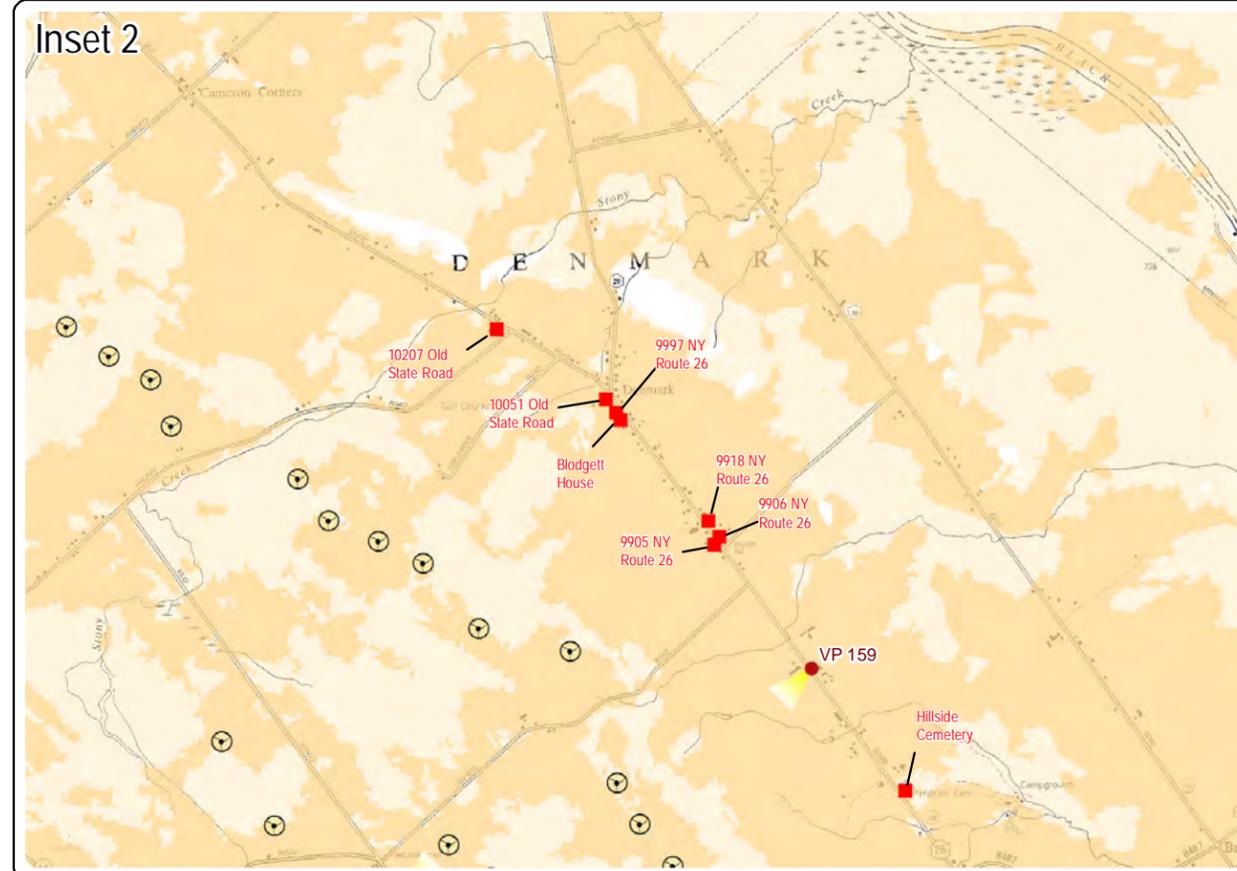
-  Simulation Viewpoint Direction
- Historic Architectural Survey Results**
-  NRHP-Eligible (EDR Recommendation)
-  Not NRHP-Eligible (EDR Recommendation)
-  Demolished
-  Previously Identified NRHP-Eligible District



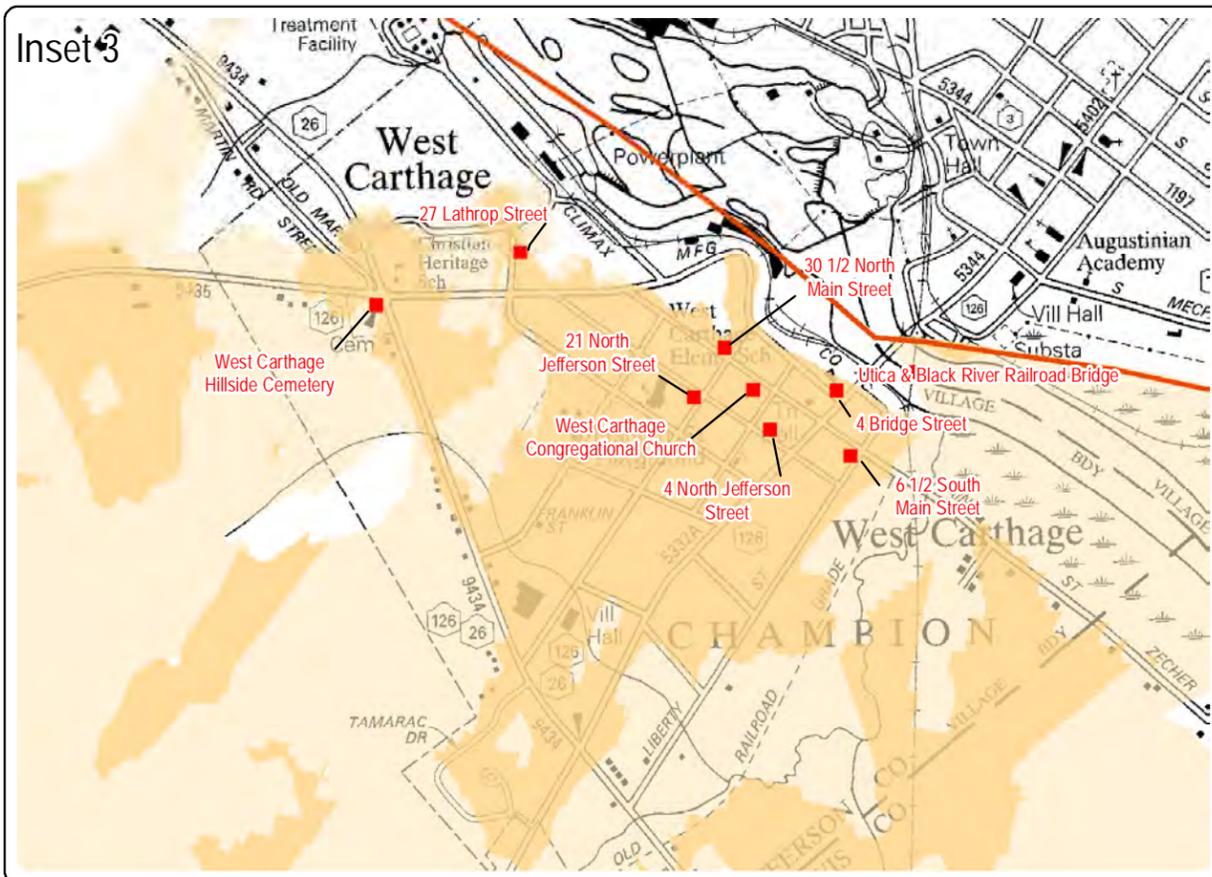
Inset 1



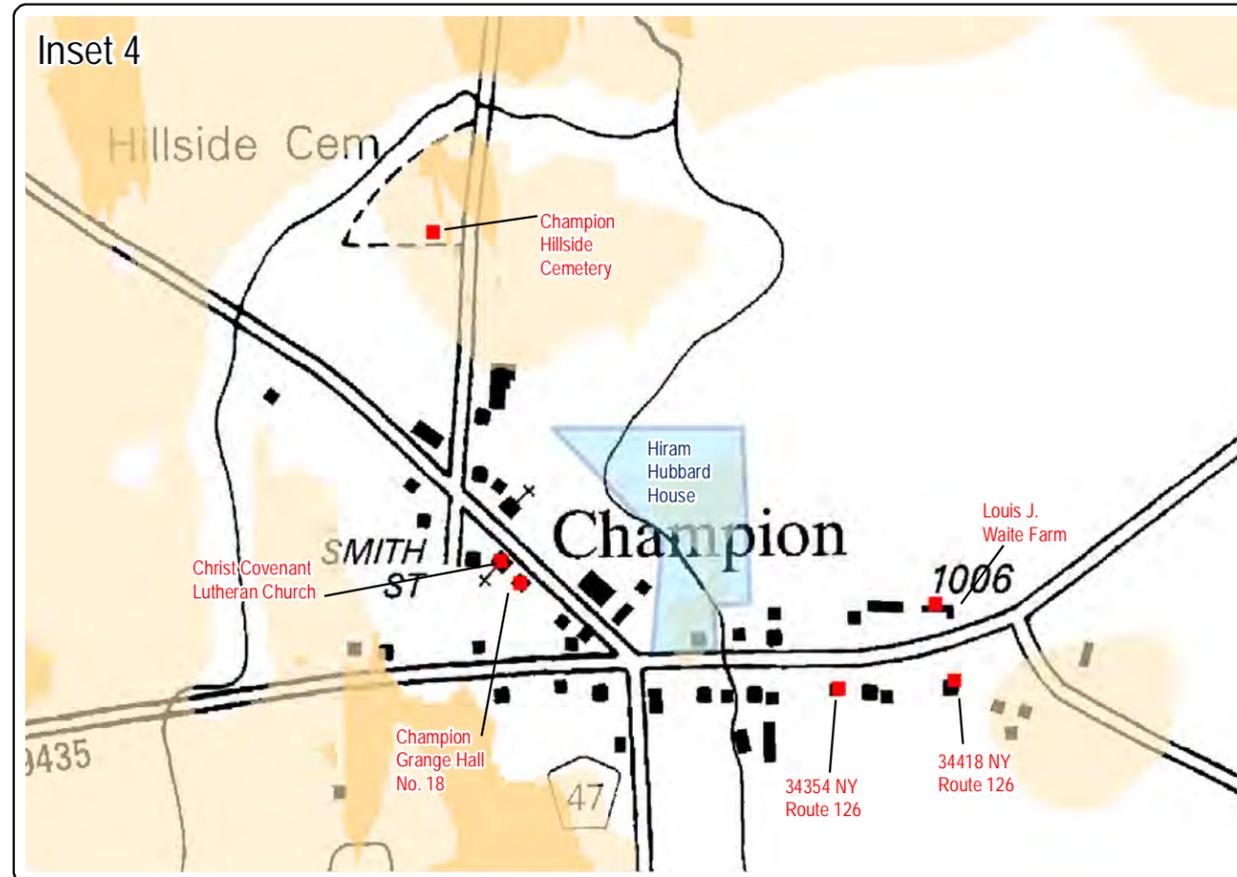
Inset 2



Inset 3



Inset 4



# Copenhagen Wind Farm

Town of Denmark, Lewis County;  
Towns of Champion and Rutland,  
Jefferson County

Figure 5: Historic Resources  
Survey Results  
Sheet 3: Detail Insets

January 2014

- Simulation Viewpoint Direction
- NRHP-Eligible (EDR Recommendation)
- Not NRHP-Eligible (EDR Recommendation)
- Demolished
- Previously Identified NRHP-Eligible District
- NRHP-Listed Site
- Wind Turbine
- 5 Mile Study
- Viewshed Analysis**
  - Potential Visibility Considering Vegetation and Topography
  - Potential Visibility Considering Only Topography

Notes:  
Basemap: NYSDOT 1:24,000 Quadrangles,  
Copenhagen, Carthage, Rutland Center,  
Barnes Corners, New Boston, and West  
Lowville.



## **Appendix A: NYSOPRHP Correspondence**



## letter of transmittal

**To:** Mr. James Warren **edr Project No:** 12012  
**Company:** New York State Office of Parks, Recreation & Historic Preservation  
10 Delaware Avenue, Cohoes, New York 12047-3722

**From:** Patrick J. Heaton, RPA  
**Date:** March 7, 2013  
**RE:** Copenhagen Wind Farm (Town of Denmark, Lewis County and the Towns of Champion, Rutland, and Watertown, Jefferson County, New York)  
SHPO Project Review Request  
Phase 1A Cultural Resources Survey

**We are sending:** Attached  
**Sent VIA:** UPS Ground

### Comments:

On behalf of Copenhagen Wind Farm, LLC, **edr Companies (edr)** prepared the enclosed Project Review Cover Form and Phase 1A Cultural Resources Survey for the proposed Copenhagen Wind Farm, located in the Town of Denmark, in Lewis County, New York (Wind Project) and the Towns of Champion, Rutland, and Watertown in Jefferson County, New York (Transmission Line). The information included in this Phase 1A cultural resources survey report is intended to assist the Town of Denmark Planning Board in their review of the proposed project under the State Environmental Quality Review Act (SEQRA). In addition, the Project may require review from the New York State Department of Environmental Conservation (NYSDEC) and/or the United States Army Corps of Engineers (USACOE).

If you have any questions or require additional information, please contact Patrick Heaton at [pheaton@edrcompanies.com](mailto:pheaton@edrcompanies.com) or (315) 471-0688.

**Copies To:** Copenhagen Wind, LLC – via email; file

If enclosures are not as indicated, kindly notify us.



## New York State Office of Parks, Recreation and Historic Preservation

Division for Historic Preservation  
P.O. Box 189, Waterford, New York 12188-0189  
518-237-8643

June 05, 2013

**Andrew M. Cuomo**  
Governor

**Rose Harvey**  
Commissioner

Patrick Heaton  
edr Companies  
217 Montgomery Street  
Suite 1000  
Syracuse, New York 13202  
(via email only)

Re: CORPS PERMITS, DEC  
Copenhagen Wind Farm 63 Turbines  
SR-12, CR-26, 15, Mud St, Wilson, Halifax,  
Stoddard Raods  
Champion, Copenhagen, Watertown, Rutland  
Lewis & Jefferson Counties  
12PR02853

Dear Mr. Heaton:

Thank you for requesting the comments of the State Historic Preservation Office (SHPO). We have reviewed the project in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

The SHPO concurs with the archaeological recommendation for 1B testing and looks forward to reviewing the sampling protocol.

The SHPO has also reviewed the conclusions and recommendations for architectural properties and concurs that a more intensive-level survey be conducted according to the Cultural Resource Survey Guide for Wind Projects prior to construction.

If further correspondence is required regarding this project, please be sure to refer to the OPRHP Project Review (PR) number noted above. For questions concerning the architectural component of the review please contact Tony Opalka at 518-237-8643 x3278. For questions regarding archaeology please contact Dan Bagrow at x3254

Sincerely,

Daniel A. Bagrow  
Historic Preservation Specialist



*Task 2: One-Mile-Radius Study Area Survey.*

As required by the *SHPO Wind Guidelines*, EDR will complete a preliminary historic resources survey of the areas located within one mile of the turbines where viewshed analysis indicates the Project is potentially visible. Buildings that appear to satisfy NRHP-eligibility criteria will be photographed, described, and evaluated from public rights of way. No inspection or evaluations requiring access to private property are proposed to be conducted for the survey. Buildings that are not sufficiently old (i.e., are less than 50 years in age), that lack architectural integrity, or otherwise are evaluated by EDR's architectural historian as lacking historical or architectural significance will *not* be included in or described during the survey. It is worth noting that significant portions of the one-mile-radius study area are located within the area previously surveyed for the Maple Ridge project. EDR will review the architectural resources in this area to determine whether there are additional resources in close proximity to the Project that were not identified in the previous survey.

Following the completion of the preliminary one-mile-radius survey, EDR will schedule a meeting with NYSOPRHP staff in Albany to review the results of the preliminary survey (as required by the *SHPO Wind Guidelines*). The purpose of this meeting is to allow NYSOPRHP the opportunity to verify the evaluation criteria being used by the consultant to determine NRHP-eligibility.

*Task 3: Five-Mile-Radius Study Area Survey.*

Following the meeting with NYSOPRHP to verify the results of the preliminary one-mile-radius survey, EDR will complete the historic resources survey for those areas located between one and five miles of the turbines where viewshed analysis indicates the Project is potentially visible. (Note: It is assumed that no additional documentation of resources of the area previously surveyed for the Maple Ridge Wind Farm will be necessary). If deemed appropriate, individual buildings located within villages and hamlets will not be documented as individual properties, but instead will be described collectively as clusters or districts.

*Task 4: Historic Resources Survey Report.*

The methods and results of the survey will be summarized in an illustrated report, along with an annotated properties table that will include an entry for each identified property. The annotated properties table will include one or more photographs of each property, a description of the property (name, address, estimated age, architectural style, materials, etc.), an assessment of its condition, and an evaluation of significance. The report will also include an analysis of the potential visual effect of the Project on identified properties, including consideration of distance and the effect of vegetation and other landscape features that may screen or minimize views of the Project from historic resources. The final report will be provided to NYSOPRHP in both digital format and hardcopy. The report will also include recommendations for mitigation efforts, if appropriate.

EDR has provided this work plan to NYSOPRHP in advance of conducting the historic-architectural resources survey to confirm the visual APE for the project and to ensure that the proposed scope of the survey is consistent with NYSOPRHP's expectations. If you have any questions or would like to discuss the work plan proposed herein, please contact Patrick Heaton at [pheaton@edrcompanies.com](mailto:pheaton@edrcompanies.com) or Grant Johnson at [gjohnson@edrcompanies.com](mailto:gjohnson@edrcompanies.com), or by phone (for both) at (315) 471-0688.

**Copies To:** James Damon (Own Energy); file.



# memorandum

**To:** Mr. Tony Opalka **EDR Project No:** 12012  
**From:** Grant Johnson, Patrick Heaton  
**Date:** August 19, 2013  
**Reference:** Copenhagen Wind Farm, Lewis and Jefferson Counties  
NYSOPRHP Project Review #12PR0283  
Historic Architectural Resources: One-Mile Survey Results

## Comments:

On behalf of Own Energy, EDR Environmental Services, LLC (EDR) is conducting cultural resources studies in support of environmental review and permitting for the Copenhagen Wind Farm (Project) under the State Environmental Quality Review Act (SEQRA). EDR previously submitted a Historic-Architectural Resources Survey Work Plan on July 2, 2013 to the New York State Office of Parks, Recreation, and Historic Preservation (NYSOPRHP) for review and comment. That work plan identified four tasks that would be completed as part of the historic-architectural resources survey:

## Tasks

Task 1. Determine Area of Potential Effect

Task 2: One-Mile Radius Study Area Survey

Task 3: Five-Mile Radius Study Area Survey

Task 4: Historic Resources Survey Report

## Status

*EDR provided on July 2, 2013 a viewshed map with the work plan that defines the area of potential effect for the Project.*

*Results described herein.*

*To be completed.*

*To be completed. Sample materials included herein.*

Attached for your review are the results of a one-mile radius study area survey for the Project. As required by the *SHPO Wind Guidelines*, EDR completed a preliminary historic resources survey of the areas located within one mile of the turbines where viewshed analysis indicates the Project is potentially visible. The results of the one-mile-radius survey of historic-architectural resources are summarized in the following attachments:

- Attachment A: A photolog showing properties within the study area recommended by EDR to be NRHP-eligible, identified by street address. Buildings that appeared to satisfy NRHP-eligibility criteria were photographed, described, and evaluated from public rights of way. Note that no inspection or evaluations requiring access to private property were conducted for the survey (i.e., the interiors of buildings were not evaluated).
- Attachment B: A sample of one entry in an annotated properties table for a recommended NRHP-eligible property. The entry includes photographs of the selected property, a description of the property (name, address, estimated age, architectural style, materials, etc.), an assessment of its condition, and an evaluation of significance. Individual entries following this format will be completed for all newly identified properties that EDR recommends NRHP-eligible.
- Attachment C: Representative photographs of properties that are recommended by EDR's architectural historian to not be NRHP-eligible. These include buildings that were not sufficiently old (i.e., are less than

50 years in age), that lack architectural integrity, or otherwise were evaluated by EDR's architectural historian as lacking historical or architectural significance. Factors affecting the integrity of these resources include loss of historic materials through alterations such as vinyl siding and windows, or additions to the structures that compromise their historic form. These photographs are representative of the general architectural character of many of the buildings in the study area. No additional documentation of these types of properties will be provided as part of the historic-architectural resources survey.

- Attachment D: A photolog showing properties within the study area previously determined by NYSOPRHP to be NRHP-eligible, identified by Unique Site Number (USN) as well as street address.
- Attachment E: A map depicting the results of the one-mile-radius survey within the one-mile study area, which identifies all structures that EDR recommends are NRHP-eligible, as well as structures previously determined NRHP-eligible.
- Attachment F: A map depicting the results of the one-mile-radius survey within the Village of Copenhagen, which identifies all structures that EDR recommends are NRHP-eligible, as well as structures previously determined NRHP-eligible.

It is worth noting that significant portions of the one-mile-radius study area are located within the area previously surveyed for the Maple Ridge project. EDR reviewed the architectural resources in this area to determine whether additional resources were located in close proximity to the proposed Project that were not identified in the previous survey. As noted above, properties previously determined eligible were also photographed and are included in Attachment D. The results of the survey are depicted on maps of the one-mile study area (Attachment E) as well as the Village of Copenhagen (Attachment F). As described in the previously prepared Phase 1A cultural resources survey report and work plan provided on July 2, 2013, a significant portion of the five-mile-radius study area for the Project is within the area surveyed for the Maple Ridge Wind Farm project. As stated in the Phase 1A report, it is assumed that no additional documentation of resources located within the area previously surveyed for the Maple Ridge Wind Farm will be necessary.

EDR would like to schedule a meeting with NYSOPRHP staff to review the results of the preliminary one-mile radius survey (as required by the *SHPO Wind Guidelines*). The purpose of this meeting is to allow NYSOPRHP the opportunity to verify the criteria being used by EDR in our evaluations of NRHP-eligibility. We would like to schedule this meeting as either a teleconference or on-line meeting (EDR can set this up), or we are happy to come to your office in Waterford, NY if that is your preference.

If you have any questions or would like to request additional information, please contact Patrick Heaton at [pheaton@edrcompanies.com](mailto:pheaton@edrcompanies.com) or Grant Johnson at [gjohnson@edrcompanies.com](mailto:gjohnson@edrcompanies.com), or by phone (for both) at (315) 471-0688. Either Patrick or Grant will follow up with you within the next week to determine a time to discuss the results of the one-mile radius survey.

**Copies To:** James Damon (Own Energy); file.

## **Appendix B: Annotated Properties List**



Photo 1: South and east façades of house

### Property Information

Address: 9304 NY Route 26, Denmark

Style: Greek Revival

Date:  
ca. 1830-40

Stories:  
1.5

External siding: Stone

Plan: Rectangular with wing

Foundation: Stone

Roof: Side gable

Sash: Wood/aluminum

NYSOPRHP USN#:  
049.02.000015

NYSOPRHP Status:  
Undetermined

EDR Evaluation: Recommended NRHP-Eligible

**Details:** Greek Revival-style house located in the Town of Denmark. The house is three bays wide and two bays deep, with a center entry on the south (street) facade. The exterior walls of the house are a rough-cut limestone. The side gable roof is clad in asphalt shingle with chimneys at the gable ends. The east and west facades display six-over-six vinyl sash windows on the first story and two-over-two vinyl sash windows on the upper story. A dormer with clapboard walls is located on the south slope of the roof, and contains two sliding sash and two fixed sash vinyl windows. The south facade contains a one-story hipped roof enclosed entry of later construction than the house. Its walls are built of a similar stone, and it contains three-over-one wood sash windows on all facades. A one-story non-contributing garage clad in asbestos shingle is located to the northwest of the house. A structure appears in this location on the Denmark plate of the 1875 Beers *Atlas of Lewis County* as owned by "L.C. Parsons."



Photo 2: South and west façades of house



Photo 3: Non-contributing garage and dog house

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: Cemetery, view to the south

### Property Information

**Address:** North side of NY Route 26, Denmark  
(Denmark Hillside Cemetery)

**Style:** Rural

**Date:**  
ca. 1885-present

**Stories:**  
N/A

**External siding:** N/A

**Plan:** N/A

**Foundation:** N/A

**Roof:** N/A

**Sash:** N/A

**NYSOPRHP USN#:** N/A

**NYSOPRHP Status:** N/A

**EDR Evaluation:** Recommended NRHP-Eligible

#### Details:

Medium-sized hillside cemetery on an approximately two-acre lot surrounded by tall trees and mature plantings. The cemetery displays a mix of marble, granite and zinc grave markers, and is well-maintained, with only a few stones knocked over or damaged. The cemetery appears to be active, but the stones are predominantly from the late nineteenth and early twentieth century. A cemetery is noted at this location on the Denmark plate of the 1875 Beers *Atlas of Lewis County, New York*. The cemetery is noted in a county history (Bowen, 1966) as established on May 1, 1885 and incorporated June 9, 1925.



Photo 2: View to the north



Photo 3: View to northwest

### Copenhagen Wind Farm

Town of Denmark - Lewis County;

Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List

January 2014



Photo 1: Austin Cemetery, view to southwest from Mud Street

### Property Information

**Address:** Southwest corner of Mud Street and Wilson Road, Denmark (Austin Cemetery)

<b>Style:</b> Rural	<b>Date:</b> ca. 1850-1900	<b>Stories:</b> N/A
---------------------	-------------------------------	------------------------

<b>External siding:</b> N/A	<b>Plan:</b> N/A
-----------------------------	------------------

<b>Foundation:</b> N/A	<b>Roof:</b> N/A	<b>Sash:</b> N/A
------------------------	------------------	------------------

<b>NYSOPRHP USN#:</b> N/A	<b>NYSOPRHP Status:</b> N/A
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**EDR Evaluation:** Recommended NRHP-Eligible

**Details:**

Less-than-one acre rural cemetery on a raised lot surrounded by tall trees. The cemetery displays a mix of marble and granite headstones, and is well-maintained, with only a few stones knocked over or damaged. Some headstones appear to have been recently repaired. The cemetery does not appear to be active. The headstones date primarily to the mid-to-late nineteenth century, with a few early-twentieth century stones present. A cemetery is noted at this location on the Denmark plate of the 1875 Beers *Atlas of Lewis County, New York*. A county history (Bowen, 1966) lists this cemetery as Austin Cemetery, though no sign is currently present at the cemetery.



Photo 2: Detail of headstones



Photo 3: View to southwest

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List

January 2014



Photo 1: North and west façades of house

### Property Information

**Address:** 9905 NY Route 26, Denmark (Decker-Cook-Sweet House)

**Style:** Federal      **Date:** ca. 1832      **Stories:** 2

**External siding:** Stone      **Plan:** Rectangular with wing

**Foundation:** Stone      **Roof:** Side gable      **Sash:** Wood

**NYSOPRHP USN#:** 049.02.000006      **NYSOPRHP Status:** Undetermined

**EDR Evaluation:** Recommended NRHP-Eligible

#### Details:

Federal-style house located in the Town of Denmark. The main block of the house is three bays wide and three bays deep, with an offset entry door on the north (street) facade. The entry door displays an arched, keystoned pediment above a fanlight and two-pane sidelights. A full-height shed-roofed porch, supported by square piers extends around the north, east and west facades. The exterior walls of the house are a rough-cut ashlar, topped by a side gable roof clad in asphalt with a center chimney. A one-and-half-story service wing contemporary to the house is located on the southeast corner of the main block. A one-story contemporary auto garage with aluminum siding is attached to the service wing. A large, early twentieth century barn with wood clapboard siding and gambrel roof clad in asphalt tile is located southwest of the house. A plaque near the south facade main entry door notes the house was constructed in 1832. The house appears on the Denmark village plate of the 1875 *Beers Atlas of Lewis County, New York* as owned by "E.A. Cook."



Photo 2: West facade of house



Photo 3: Gambrel-roofed clapboard barn

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: South and east façades of house

### Property Information

Address: 9906 NY Route 26, Denmark (Norton-Dunham-Knapp House)

Style: Federal Date: ca. 1811 Stories: 2

External siding: Stone Plan: Rectangular with wing

Foundation: Stone Roof: Side gable Sash: Vinyl

NYSOPRHP USN#: 049.02.000009 NYSOPRHP Status: Undetermined

EDR Evaluation: Recommended NRHP-Eligible

**Details:** Federal-style house located in the Town of Denmark. The main block of the house is three bays wide and two bays deep, with a center entry on the south (street) facade beneath a full-height shed-roofed porch, supported by square pillars. The exterior walls of the house are a rough-cut ashlar, topped by a side gable roof clad in metal with chimneys located at the gable ends. Nine-over-nine, double-hung, wood sash windows are arranged symmetrically on the east, west and south facades of the main block, with wood storm windows located on all window openings. A two-story wing with attached one-story garage is located on the northeast corner of the house. Its walls are clad in vertical wood clapboard, is topped by a long, low-pitched metal roof. A one-story non-contributing tractor shed is located east of the house. A plaque near the south facade main entry door notes the house was constructed in 1811. A county history (Bowen, 1966) notes the house was built as a tavern and once contained two wings that were removed in the mid-nineteenth century. The house also served as a general store and post office in the 1920s and 1930s.



Photo 2: House with attached garage



Photo 3: Non-contributing tractor shed

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: South and east façades of house

### Property Information

**Address:** 9918 NY Route 26, Denmark (Freedom Wright's Inn)

**Style:** Federal      **Date:** ca. 1800      **Stories:** 2

**External siding:** Asbestos Shingle      **Plan:** Rectangular with wing

**Foundation:** Stone      **Roof:** Side gable      **Sash:** Wood/aluminum

**NYSOPRHP USN#:** 049.02.000001      **NYSOPRHP Status:** Undetermined

**EDR Evaluation:** Recommended NRHP-Eligible

#### Details:

Federal style house located in the Town of Denmark, known as Freedom Wright's Inn. A New York State Education Department commemorative plaque on front lawn indicates the house was the location of an 1804 meeting that resulted in the formation of Jefferson and Lewis Counties the following year. The main block of the house is five bays wide and two bays deep, with a center entry on the south (street) facade. The house is clad in asbestos shingle siding, and displays a side gable, metal-clad roof with center brick chimney. Two-over-two, double-hung, wood sash windows are arranged on the east, west and south facades of the main block. A rear, one-story wing contains a wood entry door with a roofed entry, and two windows on the west facade. The roof of the wing is clad in asphalt shingle. A one-story non-contributing wood-clad storage garage is located to the northwest of the house. Despite the altered appearance of the house, the association with Freedom Wright and the formation of Jefferson and Lewis Counties contributes greatly to the historic significance of the house.



Photo 2: South and west façades of house, with rear wing



Photo 3: Non-contributing storage garage

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: Blodgett House (east facade)

### Property Information

Address: South side of NY Route 26, Denmark (Jesse Blodgett House)

Style: Folk Date: ca. 1812 Stories: 2

External siding: Stone Plan: Rectangular with wing

Foundation: Stone Roof: Side gable Sash: Wood

NYSOPRHP USN#: 049.02.000003 NYSOPRHP Status: Undetermined

EDR Evaluation: Recommended NRHP-Eligible

**Details:** Folk interpretation of the Federal style house located in the hamlet of Denmark. The main block of the house is five bays wide and two bays deep, with an offset entry on the east (street) facade. The exterior walls of the house are a rough-cut ashlar, and the house displays a side gable roof clad in metal. Two-over-two, double-hung, wood sash windows are arranged on the east and north facades of the main block, with the east facade displaying irregular fenestration of four windows on the first story and three on the second story. A one-and-a-half story wing with wood clapboard walls and a low-pitched metal roof is located on the south of the main block. At least one barn is located west of the house but is not clearly visible from the public right-of-way. A county history (Bowen, 1966) notes the south wing of the Blodgett house served as a post office from the 1930s to 1960s. The stone portion of the house was built circa 1812 by early settler Jesse Blodgett, who also built the adjacent three-story tavern and inn in 1824. The 1875 Beers *Atlas of Lewis County, New York* shows the property as owned by "P. Blodgett" (likely Philander Blodgett, son of Jesse).



Photo 2: South wing of house



Photo 3: View west from Route 26 to barn

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List

January 2014



Photo 1: Blodgett Tavern and Inn, south and east façades

### Property Information

Address: 9997 NY Route 26, Denmark (Blodgett Inn and Tavern)

Style: Vernacular Federal      Date: ca. 1824      Stories: 3

External siding: Stone      Plan: Rectangular with wing

Foundation: Stone      Roof: Side gable      Sash: Wood

NYSOPRHP USN#: 049.02.000002      NYSOPRHP Status: Undetermined

EDR Evaluation: Recommended NRHP-Eligible

#### Details:

Monumental stone house in village of Denmark built circa 1824 as a tavern and inn, and currently a private residence. The main block of the house is five bays wide and two bays deep, with a center entry on the east (street) facade. The exterior walls of the house are a rough-cut limestone ashlar with quoins at the corners. The house displays a side gable roof clad in asphalt shingle, with chimneys located near the gable ends. Six-over-six, double-hung, wood sash windows are arranged on the east and south facades of the main block, with arched fanlights on the third story gable ends of the north and south facades. The windows on the east facade display heavy, keystone lintels in limestone, with limestone sills. The main entry contains a wood door surrounded on either side by sidelights displaying line-and-circle patterned muntins beneath projecting cornices, and columns on either side. A transom light displaying the same muntin design, and broad wood frame is located above the entry door. The third story center window lintel displays engraved Masonic logos.



Photo 2: North and east façades of house

#### Details (cont.):

A one-and-a-half story stone wing with wood clapboard walls on the upper story and side-gabled roof is located on the north of the main block. It contains eight-over-eight double-hung wood sash windows on the second story of the east and north facades. A stone garage of similar construction is attached to the north end of the wing. A detached, one-story garage with wood clapboard wall and side-gabled roof clad in asphalt shingle is located north of the house.

A county history (Bowen, 1966) notes the third floor of the house was designed as lodging for the second oldest Masonic Lodge in Lewis County. The 1875 Beers *Atlas of Lewis County, New York* shows the property as owned by "H. Blodgett" (likely Harrison Blodgett, son of early Denmark settler Jesse Blodgett) and labels the structure as "Hotel."

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: Harrison Blodgett House, south and east façades of

### Property Information

Address: 10051 Old State Road, Denmark (Harrison Blodgett House)

Style: Vernacular Federal      Date: ca. 1830      Stories: 2

External siding: Stone      Plan: Rectangular

Foundation: Stone      Roof: Side gable      Sash: Vinyl

NYSOPRHP USN#: N/A      NYSOPRHP Status: N/A

EDR Evaluation: Recommended NRHP-Eligible

#### Details:

Federal-influenced stone house located in the hamlet of Denmark. The house is similar in construction to the Blodgett Inn to the south, and was likely built around the same time for the Blodgett family. The main block of the house is five bays wide and two bays deep, with a center entry on the south (street) facade. The exterior walls of the house are a rough-cut ashlar, with quoins located at the corners. and displays a side gable roof clad in asphalt shingles with an offset chimney located along the ridge of the roof. The first story windows are twelve-over-one double-hung vinyl sash windows, and second story windows are one-over-one. The entry door is surrounded by three-light sidelights and a four-light transom, in a simple wood-frame surround. A one-story garage with vinyl siding is attached to the north side of the house, and does not contribute to its historic significance. The 1875 Beers *Atlas of Lewis County, New York* shows the property as owned by "H. Blodgett" (likely Harrison Blodgett) who was also the owner of the inn and tavern (then a store) located directly south at that time.



Photo 2: South and west façades of house

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List

January 2014



Photo 1: North and west façades of house

### Property Information

Address: 10207 Old State Road , Denmark

Style: Vernacular Federal      Date: ca. 1830      Stories: 2

External siding: Stone      Plan: Rectangular

Foundation: Stone      Roof: Side gable      Sash: Vinyl

NYSOPRHP USN#: N/A      NYSOPRHP Status: N/A

EDR Evaluation: Recommended NRHP-Eligible

#### Details:

This house displays a folk interpretation of the Federal style executed in limestone, and is located near the hamlet of Denmark. The main block of the house is four bays wide and two bays deep, with an offset entry on the north (street) facade. The exterior walls of the house are a rough-cut limestone in an ashlar pattern, topped by a side gable roof clad in metal. A chimney is located at the east gable end. A low-pitched dormer is located along the west end of the roof above the entry. The entry is two bays wide, with two-light side lights on either side of an aluminum door, topped with a three-light, low-arched transom. A low-arched, heavy limestone lintel with keystone is located above the entry. One-over-one, double-hung, vinyl sash windows are arranged on the east, west and south facades of the main block. A detached, one-story non-contributing garage clad in asbestos shingle, and topped with a metal roof is located northeast of the house. The 1875 Beers *Atlas of Lewis County, New York* shows the property as owned by "D.B. Pierce."



Photo 2: House and non-contributing garage

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List

January 2014



Photo 1: Deer River Bridge, view to the northeast

### Property Information

**Address:** Vorce Road over the Deer River, Denmark (Deer River Bridge)

**Style:** Low Pratt Pony Truss      **Date:** ca. 1890      **Spans:** 2

**Builder:** Groton Bridge and Mfg. Co.      **Dimensions:** 130' L x 13.5' W

**Decking:** Wood      **Structure:** Steel      **Abutment:** Stone/concrete

**NYSOPRHP USN#:** BIN 3-34011-0      **NYSOPRHP Status:** Undetermined

**EDR Evaluation:** Recommended NRHP-Eligible

#### Details:

Low Pratt pony truss bridge over the Deer River at Vorce Road, just south of County Route 55. The bridge was constructed by the Groton Bridge and Manufacturing Company in 1890, and is one of two extant bridges built by this company in Lewis County. The bridge has two spans, and is approximately 130 feet long and 13.5 feet wide. The low Pratt pony truss is of a relatively simple design, with panels comprised of thin eyebars attached to laced verticals. The timber decking remains intact, but is weathered due to age and lack of maintenance. The north and south abutments along the river bank appear to be constructed of rough-laid native limestone, with poured concrete segments located directly beneath the bridge. The center bridge abutment is constructed of limestone atop a concrete foundation. The abutments display noticeable deterioration in the concrete. The bridge is no longer used, with a newer bridge constructed immediately adjacent to the south on Vorce Road. It is a rare surviving rural example of a bridge constructed by the Groton Bridge Co.



Photo 2: Bridge, view to the west



Photo 3: Detail of name plate

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: Old State Road Bridge, view to the northeast

### Property Information

**Address:** Old State Road over the Deer River, Denmark (Old State Road Bridge)

**Style:** High Pratt ThroughTruss      **Date:** ca. 1891      **Spans:** 1

**Builder:** Groton Bridge and Mfg. Co.      **Dimensions:** 100' L x 12.8' W

**Decking:** Wood      **Structure:** Steel      **Abutment:** Stone/concrete

**NYSOPRHP USN#:** BIN 3-34010-0      **NYSOPRHP Status:** Eligible

**EDR Evaluation:** Recommended NRHP-Eligible

#### Details:

High Pratt through truss bridge over the Deer River at Old State Road, just south of County Route 55. The bridge was constructed by the Groton Bridge and Manufacturing Company in 1891, and is one of two extant bridges built by this company in Lewis County. The bridge has one span, and is approximately 100 feet long and 12.8 feet wide. The high Pratt through truss is of standard design, with five panels comprised of paired eyebars in an X pattern attached to laced verticals. The timber decking remains intact. The north and south abutments along the river bank appear to be constructed of native limestone laid in a regular ashlar pattern atop poured concrete foundations. The bridge is active and in general satisfactory condition. Name plates are present atop the north and south ends of the bridge, identifying the Groton Bridge and Manufacturing Company as the builder and noting the construction date as 1891.



Photo 2: Bridge deck, view to the northwest



Photo 3: Detail of name plate, south end of bridge

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: Copenhagen Central School (north facade)

### Property Information

**Address:** 3020 Mechanic Street, Copenhagen  
(Copenhagen Central School)

<b>Style:</b> Vernacular Art Deco	<b>Date:</b> ca. 1936	<b>Stories:</b> 2
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<b>External siding:</b> Brick/sandstone	<b>Plan:</b> Rectangular (irregular)
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<b>Foundation:</b> Stone	<b>Roof:</b> Flat	<b>Sash:</b> Steel
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**NYSOPRHP USN#:**  
049.43.000091

**NYSOPRHP Status:**  
Undetermined

**EDR Evaluation:** Recommended NRHP-Eligible

#### Details:

Vernacular Art Deco-style school located in the Village of Copenhagen. The building is comprised of a two-story central block constructed of brick and sandstone, and a one-story modern brick wing. A datestone marks the date of construction for the main block of the building as 1936. The central portion is comprised of a main entrance block that is seven bays wide, and two symmetrical outer wings that are nine bays wide, and thirteen bays deep, and tall banks of steel framed windows occurring on all facades. The walls of the entrance block are built of sandstone, and the walls of the wings are brick. Decorative panels with a paired, floral design occur above each window bay, above a decorative pointed arch course spanning the width of each facade. The entrance displays six fluted pilasters beneath a projecting sandstone parapet. A large one-story addition is located to the west and south of the older block of the school. It displays brick walls and steel windows, and does not contribute to the historic significance of the school.



Photo 2: East and north facades



Photo 3: Modern wing addition, north and west facades

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: 2963 Mechanic Street (south and east facades)

### Property Information

Address: 2963 Mechanic Street, Copenhagen

Style: Greek Revival

Date:  
ca. 1850-1860

Stories:  
1.5

External siding: Wood

Plan: Rectangular (irregular)

Foundation: Stone

Roof: Side gable

Sash: Vinyl

NYSOPRHP USN#: N/A

NYSOPRHP Status: N/A

EDR Evaluation: Recommended NRHP-Eligible

#### Details:

Greek Revival-style house located in the Village of Copenhagen. The main block of the house is one-and-a-half stories tall, five bays wide on the south (street) facade, and two bays deep, with a side-gabled roof clad in asphalt shingle, and displaying cornice returns. The walls of the house are clad in wood clapboard. Four windows are arranged in pairs on either side of the main entrance, which displays a door surround with dentillated cornice. The east and west facade contain identical upper story windows, with different arrangements on the first story. A one-story open porch of modern construction is located on the east facade, with a side entry door on the first story. A one-story service wing is attached to the north side of the house, with walls clad in wood clapboard, vinyl windows and roof clad in asphalt shingle. A one-story, side-gabled barn with board-and-batten as well as vertical slat siding, metal-clad roof, and wood-framed windows is located to the north of the house. A one story shed with wood clapboard siding and wood door is located east of this barn.



Photo 2: West and south facades



Photo 3: Barn and shed, south facades

### Copenhagen Wind Farm

Town of Denmark - Lewis County;

Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List

January 2014



Photo 1: 2968 Cataract Street (north and west facades)

### Property Information

Address: 2968 Cataract Street, Copenhagen

Style: Vernacular Queen Anne

Date:  
ca. 1880-1890

Stories:  
2.5

External siding: Wood

Plan: Asymmetrical

Foundation: Stone

Roof: Cross gable

Sash: Aluminum/wood

NYSOPRHP USN#: N/A

NYSOPRHP Status: N/A

EDR Evaluation: Recommended NRHP-Eligible

#### Details:

Queen Anne-style house located in the Village of Copenhagen. The house is two-and-half stories tall, three bays wide on the north (street) facade, and six bays deep on the east and west facades. The walls are clad in wood clapboard siding, except for the north facade gable end wall, which is clad in wood fishscale shingle. A broad beltcourse of wood fishscale shingle separates the first and second stories. All first and second story windows visible from the public right-of-way are one-over-one aluminum sash windows with wood surrounds displaying a pointed hood. The north facade openings are evenly spaced, with three windows on the upper story and two on the first story, with an offset entry door. An entry porch on the north facade displays a shed roof with gable above the entrance, with lattice work in the gable. Decorative spindle work is located along the porch roofline. Canted bays on the east and west facade are connected by a cross-gabled roof. The roof line of the house displays projecting eaves with repeating small, circular decorative wood brackets.



Photo 2: North and east facades

#### Details (continued):

A concrete block chimney extends the height of the east facade on the canted bay. A brick center chimney is located at the junction of the roof gables.

A one-story, two-bay non-contributing garage is located southwest of the house. It is clad in aluminum siding, with metal overhead doors, and a front-gabled roof clad in asphalt shingle.

### Copenhagen Wind Farm

Town of Denmark - Lewis County;

Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List

January 2014



Photo 1: Riverside Cemetery, view to southeast

### Property Information

**Address:** South side of Cataract Street, Copenhagen  
(Riverside Cemetery)

<b>Style:</b> Rural		<b>Date:</b> ca. 1840-1850	<b>Stories:</b> N/A
<b>External siding:</b> N/A		<b>Plan:</b> N/A	
<b>Foundation:</b> N/A	<b>Roof:</b> N/A	<b>Sash:</b> N/A	
<b>NYSOPRHP USN#:</b> N/A		<b>NYSOPRHP Status:</b> N/A	

**EDR Evaluation:** Recommended NRHP-Eligible

**Details:**

Large rural cemetery located on the Deer River northeast of the Village of Copenhagen. The cemetery is comprised of an older section on a raised lot, and a newer, western section at street level, which appears to be active. The cemetery displays a mix of marble and granite headstones, and is well-maintained, with very few stones knocked over or damaged. The headstones date from the 1840s in the older, eastern portion, to recent burials in the newer, western portion. A burial vault is set into the hill of the older section, with limestone ashlar walls, dual heavy copper doors, topped with a low-pitched front-gabled roof clad in metal. A datestone above the doors notes its construction date as 1914. A cemetery is noted at this location on the Copenhagen plate of the 1875 Beers *Atlas of Lewis County, New York*. A county history (Bowen, 1966) lists this cemetery as Riverside Cemetery, and notes the construction of the burial vault in 1914.



Photo 2: Older section, view to northwest



Photo 3: Newer section, view to southeast

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: 10740 Old State Road, north and east facades

### Property Information

Address: 10740 Old State Road, Denmark

Style: Vernacular Federal Date: ca. 1830-40 Stories: 2

External siding: Siding Plan: Rectangular (irregular)

Foundation: Stone Roof: Side gable Sash: Vinyl

NYSOPRHP USN#: N/A NYSOPRHP Status: N/A

EDR Evaluation: Recommended NRHP-Eligible

**Details:** Vernacular interpretation of the Federal style house constructed in stone, located northeast of the Village of Copenhagen. The main block of the house is five bays wide by two bays deep, with limestone walls laid in an ashlar pattern. The house is topped by a side gable roof clad in metal, with a small center chimney, and a second chimney located on the north slope of the roof. The north (street) facade is punctuated by regularly spaced bays of one-over-one vinyl sash windows, and a deeply-recessed center entry with arched lintel and keystone. The east and west facades display identical outer bays of vinyl sash windows, and half-round windows with arched lintels in the attic story. A one-story addition is attached to the south facade, with walls clad in vinyl siding, vinyl sliding sash windows, and a low-pitched gabled roof clad in metal. A non-contributing, one-story shed with plywood walls and front-gabled roof clad in asphalt shingles is located north of the house. A structure is noted at this location on the 1875 Beers *Atlas of Lewis County, New York* as owned by "G. Kelnor." Despite unsympathetic alterations to the roof and windows, the house retains a high degree of overall integrity and significance.



Photo 2: North and west facades



Photo 3: Rear addition and shed

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014

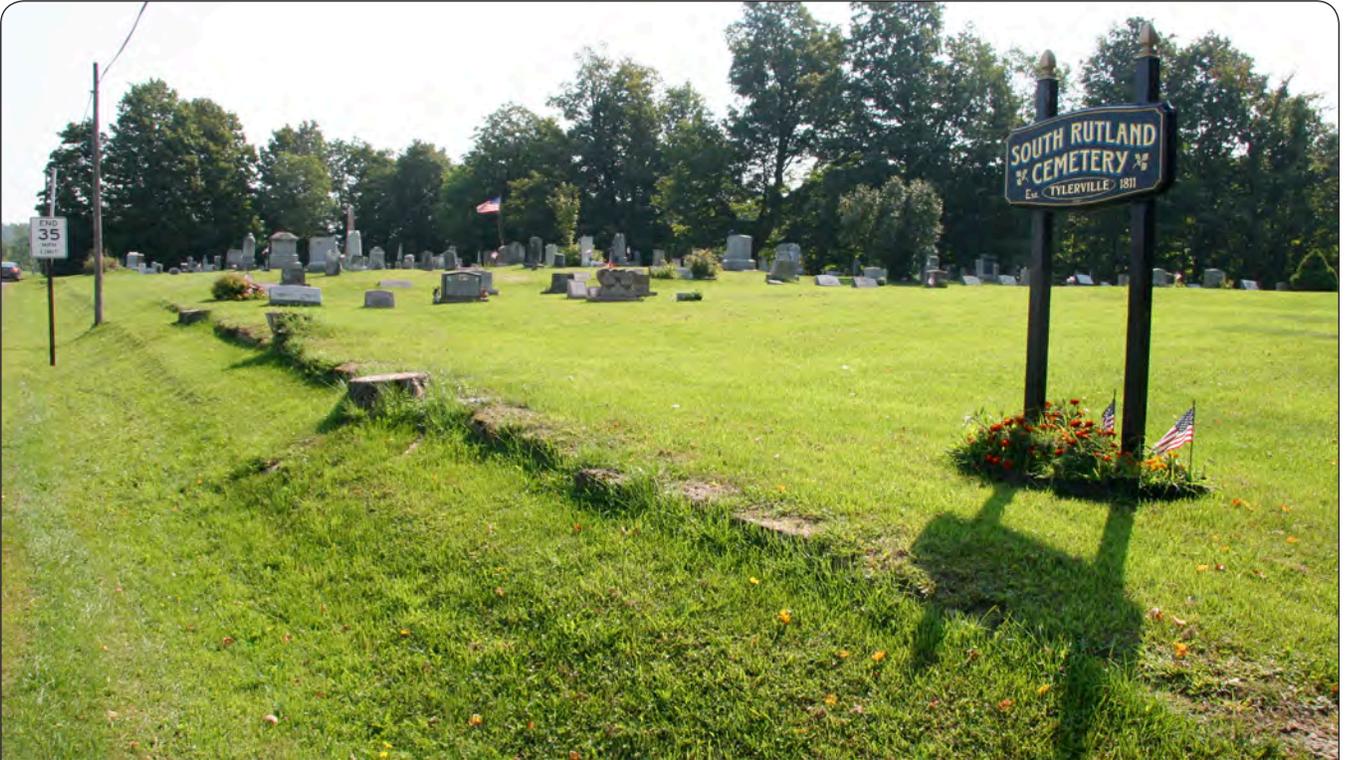


Photo 1: South Rutland Cemetery, view to southeast

### Property Information

**Address:** South side of County Route 69, Rutland  
(South Rutland Cemetery)

<b>Style:</b> Rural	<b>Date:</b> ca. 1811	<b>Stories:</b> N/A
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<b>External siding:</b> N/A	<b>Plan:</b> N/A
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<b>Foundation:</b> N/A	<b>Roof:</b> N/A	<b>Sash:</b> N/A
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<b>NYSOPRHP USN#:</b> N/A	<b>NYSOPRHP Status:</b> N/A
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**EDR Evaluation:** Recommended NRHP-Eligible

**Details:**

Small rural cemetery located on the north bank of Sandy Creek in the hamlet of Tylerville. The cemetery is comprised of a mix of nineteenth and twentieth century burials, and displays a mix of marble and granite headstones, with some zinc grave markers present. The cemetery is well-maintained, with very few stones knocked over or damaged. The grave markers date from the early nineteenth century to the past decade, with older graves located on the eastern half of the cemetery. Remains of a partially buried, low stone wall are located on the north edge of the cemetery along the road. A sign indicates the cemetery was established in 1811. A cemetery is noted at this location on the Tylerville map from the 1864 Beers *Topographical Atlas of Jefferson County, New York*.



Photo 2: View to southwest



Photo 3: Detail of zinc marker

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: 16801 Churchill Road, east facade

### Property Information

Address: 16801 Churchill Road, Rutland

Style: Queen Anne      Date: ca. 1885      Stories: 2

External siding: Wood      Plan: T-Plan with wing

Foundation: Stone/concrete      Roof: Cross gable      Sash: Wood/vinyl

NYSOPRHP USN#: N/A      NYSOPRHP Status: N/A

EDR Evaluation: Recommended NRHP-Eligible

**Details:** Rare example of a Queen Anne-style house located in the Town of Rutland. The house is comprised of a two-story main block topped with a cross-gabled roof clad in asphalt tile, and a rear, 1.5-story service wing with gabled roof also clad in asphalt tile. The main block of the house is a T-plan building with the main entrance on the east facade. The primarily wall covering is wood clapboard, though a wood shingle course separates the first and second stories between the windows. The east and west gable end walls are also clad with wood shingle. Most windows are one-over-one wood sash windows, with some vinyl windows present. A canted bay with decorative spindle work is located on the east facade. The service wing is clad in vertical wood clapboard, with two entry doors and a sliding sash window on the east facade, and one vinyl window on the west facade. A small outbuilding with wood siding and frame roof clad in corrugated metal is located east of the house, and likely served as a spring house, but is now surrounded by overgrowth. An unlabeled structure is noted at this location on the Rutland plate of the 1888 Robinson *Atlas of Jefferson County, New York*.



Photo 2: West and south facades



Photo 3: House and outbuilding, view to the northwest

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: 25516 State Route 12, north and east facades

### Property Information

Address: 25516 State Route 12, Watertown

Style: Vernacular/Federal	Date: ca. 1827	Stories: 2
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External siding: Stone and wood	Plan: Rectangular (irregular)
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Foundation: Stone	Roof: Varied	Sash: Vinyl
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NYSOPRHP USN#: N/A	NYSOPRHP Status: N/A
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EDR Evaluation: Recommended NRHP-Eligible

#### Details:

Vernacular style stone house with wing located near the hamlet of Burrville. The house is comprised of a two-story stone main block with front-gabled roof, and a two-story wing clad in wood clapboard. The stone block is three bays wide, with limestone walls laid in an ashlar pattern. The offset entrance door is surrounded by a leaded glass transom and sidelights, topped by a heavy limestone lintel. Vinyl sash windows are regularly spaced on both stories. A fixed sash arched fanlight is located in the gable end. The east wing displays irregular fenestration, and an offset entry located beneath a full-facade open porch on the north (street) facade. A date plaque near the entrance to the stone block indicates the house was constructed circa 1827. A structure is noted at this location on the Watertown map from the 1864 Beers *Atlas of Jefferson County, New York* as owned by "G. Sterrett," and on the 1888 Robinson county atlas map as owned by "Mrs. G. Yendes." A small spring house with stone walls, a recessed wood door, and gabled roof clad in asphalt shingle is located north of the house along the road. An early twentieth century barn with vertical wood clapboard siding is located southwest of the house.



Photo 2: North and west facades



Photo 3: Spring house, view to the west

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: Maple Hill Cemetery, view to southwest

### Property Information

Address: South side of County Route 60, Rutland (Maple Hill Cemetery)

Style: N/A

Date: ca. 1820

Stories:  
N/A

External siding: N/A

Plan: N/A

Foundation: N/A

Roof: N/A

Sash: N/A

NYSOPRHP USN#: N/A

NYSOPRHP Status: N/A

EDR Evaluation: Recommended NRHP-Eligible

#### Details:

Approximately two-acre rural cemetery in the Town of Rutland. The cemetery is comprised of a large, older section closer to the road, and a newer section on the southern end. The cemetery is comprised of a mix of nineteenth and twentieth century burials, and displays primarily marble and granite headstones, with some zinc grave markers present. The headstones in the older section date from the 1820s with a few very old fieldstone markers with no visible inscriptions present. Recent burials are located in the newer portion. The grave markers are in general good condition, with few disturbed or broken markers evident. A burial vault is set into the hill near the northwest corner of the cemetery, and exhibits granite wall construction with outer pilasters and door surround, and poured concrete support wings. The cemetery indicates its establishment circa 1820. A cemetery is noted at this location on the on the Watertown map from the 1864 Beers *Topographical Atlas of Jefferson County, New York*.



Photo 2: View to southeast



Photo 3: Detail of fieldstone markers

### Copenhagen Wind Farm

Town of Denmark - Lewis County;

Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List

January 2014



Photo 1: Eddy Homestead, view to the south

### Property Information

**Address:** 21534 Staplin Road, Rutland (Eddy Homestead)

<b>Style:</b> Greek Revival house with various 19th & 20th century outbuildings	<b>Date:</b> ca. 1847	<b>Stories:</b> 1.5
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<b>External siding:</b> Wood	<b>Plan:</b> Rectangular (irregular)
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<b>Foundation:</b> Stone	<b>Roof:</b> Front gable	<b>Sash:</b> Vinyl
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<b>NYSOPRHP USN#:</b> N/A	<b>NYSOPRHP Status:</b> N/A
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**EDR Evaluation:** Recommended NRHP-Eligible

**Details:** Rare, intact nineteenth century farmstead comprised of a circa 1847 Greek Revival house, and a variety of barns dating from the mid-nineteenth to mid-twentieth century situated around the intersection of Staplin and Peck Roads in the Town of Rutland. The house is comprised of a 1.5-story main block with wood clapboard siding and metal-clad roof. Though the original windows have been replaced, the house and site retain considerable overall integrity of materials, form and setting. The property was settled in 1799 by Enoch Eddy, with the house constructed circa 1847 by James Eddy, and continuously inhabited by the family since then. The property includes several agricultural outbuildings, including three nineteenth century barns with riven lumber siding. The remaining barns appear to date from the early-to-mid-twentieth century, and include hay, crop and dairy barns. Dry laid walls constructed of fieldstone are located between barns on the northwest corner of the intersection, as well as along the south side of Staplin Road, and likely date to the late nineteenth or early twentieth century. The Eddy farm was noted in its early years for sheep, beef, and apple orchards (Lane, 1955).



Photo 2: House and stone wall, east and north facades



Photo 3: Eddy Homestead, view to the south

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 4: Eddy Homestead - nineteenth century barns and stone wall, view to the northeast



Photo 5: Barn east of house, view to the southeast



Photo 7: Dairy barn southwest of house, view northwest



Photo 6: Barn west of house, view to the south



Photo 8: Stone wall, view to the southeast

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: South Champion Cemetery, view to the northeast

### Property Information

**Address:** North side of County Route 12, Champion (South Champion Cemetery)

**Style:** N/A

**Date:**  
ca. 1808

**Stories:**  
N/A

**External siding:** N/A

**Plan:** N/A

**Foundation:** N/A

**Roof:** N/A

**Sash:** N/A

**NYSOPRHP USN#:**  
N/A

**NYSOPRHP Status:**  
N/A

**EDR Evaluation:** Recommended NRHP-Eligible

#### Details:

Small rural cemetery located in the hamlet of South Champion. The cemetery located on a raised lot, and does not appear to be active. The cemetery displays a mix of marble and granite headstones with some zinc grave markers, and is in fair-to-poor condition, with several grave markers knocked over or damaged. The headstones date from the early nineteenth to late twentieth century. A raised family plot with concrete walls and steps that exhibit considerable damage and is in need of repair. A number of headstones have been damaged by trees that have uprooted the markers. Another family plot is surrounded by low, cast iron railings with decorative designs, and has experienced some noticeable wear and damage. The sign for the cemetery indicates its establishment circa 1808. A cemetery is noted at this location on the on the Champion map from the 1864 Beers *Topographical Atlas of Jefferson County, New York*.



Photo 2: View to the northwest



Photo 3: View to the southeast

### Copenhagen Wind Farm

Town of Denmark - Lewis County;

Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List

January 2014



Photo 1: Champion Hillside Cemetery, view to west

### Property Information

**Address:** West side of County Route 47, Champion (Champion Hillside Cemetery)

**Style:** N/A

**Date:**  
ca. 1864-1865

**Stories:**  
N/A

**External siding:** N/A

**Plan:** N/A

**Foundation:** N/A

**Roof:** N/A

**Sash:** N/A

**NYSOPRHP USN#:**  
N/A

**NYSOPRHP Status:**  
N/A

**EDR Evaluation:** Recommended NRHP-Eligible

#### Details:

Large rural cemetery located north of the hamlet of Champion. The cemetery appears to be active, though it is primarily comprised of late nineteenth and early twentieth century grave markers. The cemetery displays a mix of marble and granite headstones as well as zinc monuments, and is generally well-maintained, with some noticeable disturbance. The grave markers date from the 1860s to the current year. A burial vault is located along the northern edge of the cemetery adjacent to the road. It is comprised of a stepped limestone wall, laid in an ashlar pattern, with a keystoned, flat-arched lintel above a steel entry door. The wall is topped with granite copestones. The sign for the cemetery indicates its establishment circa 1865, though a cemetery is noted at this location on the on the Champion map from the 1864 Beers *Topographical Atlas of Jefferson County, New York*.



Photo 2: View to the southwest



Photo 3: Burial vault, view to the west

### Copenhagen Wind Farm

Town of Denmark - Lewis County;

Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List

January 2014



Photo 1: The 1831 of Champion, north and east facades

### Property Information

Address: 34354 NY Route 126, Champion (The 1831 of Champion)

Style: Federal Date: ca. 1831 Stories: 2

External siding: Stone Plan: Rectangular

Foundation: Stone Roof: Side gable Sash: Vinyl

NYSOPRHP USN#: N/A NYSOPRHP Status: N/A

EDR Evaluation: Recommended NRHP-Eligible

**Details:** Federal-style stone house located in the hamlet of Champion. The house is comprised of a main block and a one-story service wing attached on the east of the main block. The main block of the house is five bays wide by three bays deep. The entry door is located on the north (street) facade behind paired wood outer doors, surrounded by a four-light transom, and tripartite sidelights. Vinyl sash replacement windows are set into the limestone walls, with limestone lintels and sills. Arched, half-round fanlights are present in the attic story of the east and west facades. An offset corbeled brick chimney is located along the eastern ridge of the side-gabled roof, which is clad in asphalt tile. The service wing displays similar wall and roof materials to the main block. Two front-gabled dormers punctuate the roof of the wing, with walls clad in wood clapboard. A wide brick chimney is located along the roof ridge. A single, nine-light fixed sash window is located on the eastern wall of the wing. A sign near the road identifies the house as "The 1831 of Champion." The house was built in 1831-32 as the third residence of Noadiah Hubbard, one of the founding settlers of Jefferson County (Lane, 1942).



Photo 2: North facade



Photo 3: Service wing, north and east facades

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List

January 2014



Photo 1: 34418 NY Route 126, north and west facades

### Property Information

Address: 34418 NY Route 126, Champion

Style: Federal      Date: ca. 1830      Stories: 2

External siding: Wood      Plan: Rectangular (irregular)

Foundation: Stone      Roof: Side gable      Sash: Wood

NYSOPRHP USN#: N/A      NYSOPRHP Status: N/A

EDR Evaluation: Recommended NRHP-Eligible

**Details:** Federal-style stone house located in the hamlet of Champion. The house is five bays wide by three bays deep. The walls are constructed of limestone laid in an ashlar pattern, with quoins laid at the corners of the house. The north (street) facade contains the entry door, which is deeply set in the walls of the house, and is topped by a heavy limestone lintel. Windows are arranged symmetrically on the north facade, with two outer bays of twelve-over-eight wood sash windows the first and second stories, located on either side of a window of similar construction located above the entry door. The west facade contains a first-story window of similar construction, and a fixed sash window in the attic story. A corbeled brick chimney is located at the west end of the roof ridge, with a concrete block chimney at the east end. A one-story, two-bay non-contributing garage is located northwest of the house. A structure is noted at this location on the on the Champion map from the 1864 Beers *Atlas of Jefferson County, New York* as owned by "M.G. Coughlin," who is also shown as the owner of a store and hotel in the village of Champion. The structure appears on the 1888 Robinson *Atlas of Jefferson County, New York* but is unlabeled.



Photo 2: Entry door detail



Photo 3: Non-contributing garage, north facade

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: Champion Grange Hall No.18 / Congregationalist Church

### Property Information

**Address:** 20323 County Route 47, Champion  
(Champion Grange Hall No. 18 / Congregationalist Church)

**Style:** Vernacular

**Date:**  
1841 / 1912

**Stories:**  
2.5

**External siding:** Wood

**Plan:** Rectangular

**Foundation:** Stone

**Roof:** Side gable

**Sash:** Wood

**NYSOPRHP USN#:** N/A

**NYSOPRHP Status:** N/A

**EDR Evaluation:** Recommended NRHP-Eligible

**Details:** Champion Grange Hall No. 18 is a 2.5-story Grange hall located in the hamlet of Champion. It is four bays wide on the east (street) facade, by five bays deep. The walls are clad in wood clapboard, topped by a front-gabled roof clad in metal, with a bell tower located at the north end, and a chimney at the south end. The east facade displays dual wood entry doors in the middle two bays, and two-over-two wood sash windows in the outer bays. East and west facades display twelve-over-twelve wood sash windows on the first story, and two-over-two wood sash windows on the second story. The original church building was built circa 1816, then relocated to the village in 1841 and rebuilt as a one-story building at this location. A structure labeled "Cong. Ch." is noted at this location on the on the Champion map from the 1864 *Beers Atlas of Jefferson County, New York*. The church building was sold to Champion Grange No. 18 in 1912, at which point a second story was added to the current building. It has served as a Grange hall for over a century, and is still used by Champion Grange No. 18.



Photo 2: West and south facades



Photo 3: Barn and shed, south facades

### Copenhagen Wind Farm

Town of Denmark - Lewis County;

Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List

January 2014



Photo 1: Christ Church, west and south facades

### Property Information

Address: 20324 Smith Street, Champion (Christ Church and Parish Hall)

Style: Vernacular Gothic Revival      Date: ca.1888      Stories: 1

External siding: Stone      Plan: Rectangular (irregular)

Foundation: Stone      Roof: Front gable      Sash: Unknown

NYSOPRHP USN#: N/A      NYSOPRHP Status: N/A

EDR Evaluation: Recommended NRHP-Eligible

**Details:** One-story stone church located in the hamlet of Champion. The church is constructed of native limestone in a vernacular Gothic style, with a steeply pitched front gabled roof clad in asphalt shingle, and arched windows on all facades. The windows were covered with plastic so their materials could not be verified. The north (street) facade displays an enclosed wood entry vestibule with wood clapboard siding and paired wood doors. The apse of the church is a frame addition clad in wood clapboard siding. The church was constructed circa 1888, using the stones of a Masonic Academy located elsewhere in the Town of Champion. The Episcopal Church occupied a different building at this location prior to the construction of the current building. A structure labeled "Episc. Ch." is noted at this location on the on the Champion map from the 1864 Beers *Atlas of Jefferson County, New York*. The church currently serves as a Catholic Church. A 1.5-story parish center, formerly an upright-and-wing plan residence, is located west of the church. It is clad in wood clapboard siding with a abled roof, and vinyl sash replacement windows. A structure is noted at this location, owned by "Mrs. Ingraham" on the 1864 Beers map, and "W. Willard" on the 1888 Robinson map.



Photo 2: North facade



Photo 3: Parish center, north and east

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List

January 2014



Photo 1: 35208 NY Route 26, north facade

### Property Information

Address: 35208 NY Route 26, Champion

Style: Vernacular Federal	Date: ca.1830	Stories: 2
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External siding: Stone	Plan: Rectangular (irregular)
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Foundation: Stone	Roof: Side gable	Sash: Vinyl
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NYSOPRHP USN#: N/A	NYSOPRHP Status: N/A
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EDR Evaluation: Recommended NRHP-Eligible

**Details:** Vernacular interpretation of a Federal-style house, executed in native limestone, located in the Town of Champion. The house is set back from the road, with heavy limestone block walls located at the driveway entrance. The house is five bays wide on the north (street) facades, and exhibits symmetrical fenestration, with paired outer bays of vinyl replacement windows on either side of a recessed, wood-framed entry, topped by a fan light. The entrance is topped by a heavy limestone arched lintel with keystone, with a raised limestone block carriage platform attached to the basement story of the house. A 1.5-story addition with two-car garage and dual roof dormers is attached to the south of the stone block of the house. It is clad in vinyl siding with vinyl windows. A detached one-story non-contributing shed is located southwest of the house. A structure is noted at this location on the on the Champion map from the 1864 Beers *Atlas of Jefferson County, New York*, and on the 1888 Robinson *Atlas of Jefferson County, New York* as owned by "J. Phillips." Despite alterations to the historic materials and form of the house, it is noteworthy as an early nineteenth century stone house located in the Town of Champion.



Photo 2: North and east facades



Photo 3: North and west facades

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List

January 2014



Photo 1: 34966 Sayre Road, north facade

### Property Information

Address: 34966 Sayre Road, Champion

Style: Vernacular Federal      Date: ca.1812      Stories: 2

External siding: Stone      Plan: Rectangular (irregular)

Foundation: Stone      Roof: Front gable      Sash: Vinyl

NYSOPRHP USN#: N/A      NYSOPRHP Status: N/A

EDR Evaluation: Recommended NRHP-Eligible

#### Details:

Vernacular interpretation of a Federal-style house, executed in native limestone, located in the Town of Champion. The walls of the house are limestone, topped by a front gabled roof with cornice returns, clad in metal. The house is three bays wide on the north (street) facade, and exhibits symmetrical fenestration, with outer bays of vinyl replacement windows on either side of a center entry. An arched fanlight with limestone lintel is located in the gable end of the attic story. The west facade exhibits two symmetrical bays of vinyl replacement windows. The east facade includes a one-story, enclosed porch with walls clad in vinyl siding and vinyl windows. Two non-contributing garage buildings are located east and south of the house. A structure is noted at this location on the on the Champion map from the 1864 Beers *Atlas of Jefferson County, New York* as owned by "B. Goodrich," and on the 1888 Robinson *Atlas of Jefferson County, New York* as owned by "L.W. Babcock." The house was allegedly built circa 1812 for the Rockwood family, and was later occupied by the Goodrich family, prominent local landowners (Lane, 1951).



Photo 2: West facade



Photo 3: Non-contributing garages, north facades

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List

January 2014



Photo 1: Abbott House, north and west facades

### Property Information

**Address:** Southeast corner of Sayre Road and County Route 47, Champion (Abbott House)

**Style:** Greek Revival      **Date:** ca.1833      **Stories:** 2

**External siding:** Wood      **Plan:** Rectangular (irregular)

**Foundation:** Stone      **Roof:** Side gable      **Sash:** Vinyl

**NYSOPRHP USN#:** N/A      **NYSOPRHP Status:** N/A

**EDR Evaluation:** Recommended NRHP-Eligible

#### Details:

Greek Revival-style house located north of the Village of Champion. The main block of the house is one-and-a-half stores tall, three bays wide on the north (street) facade, and three bays deep, with a front-gabled roof with cornice returns, clad in asphalt shingle. The walls of the house are clad in wood clapboard, atop a raised stone foundation. The north (street) facade includes an offset entry door with sidelights, set in a heavy door surround. All windows are six-over-six wood sash windows. The west facade is three bays deep with two windows of similar construction, and a tripartite arrangement of four-over-four wood sash windows. A one-story, side-gabled wing with open entry porch is attached to the east facade of the house. A one-story barn is located east of the house, with vertical wood clapboard siding and a raised basement level foundation construction of fieldstone. The property was originally purchased in 1832 by John Abbott (Lane, 1955) Metal numbers above the door indicate the house was constructed in 1833. A structure is noted at this location on the on the Champion map from the 1864 Beers atlas as owned by "Mrs. Brainard."



Photo 2: North facade



Photo 3: Barn, north and east facades

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: West Carthage Hillside Cemetery, view to northwest

### Property Information

**Address:** Southwest corner of NY Routes 26 and 126, West Carthage (West Carthage Hillside Cemetery)

<b>Style:</b> N/A	<b>Date:</b> ca. 1860	<b>Stories:</b> N/A
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<b>External siding:</b> N/A	<b>Plan:</b> N/A
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<b>Foundation:</b> N/A	<b>Roof:</b> N/A	<b>Sash:</b> N/A
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<b>NYSOPRHP USN#:</b> 045.06.000007	<b>NYSOPRHP Status:</b> Undetermined
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**EDR Evaluation:** Recommended NRHP-Eligible

**Details:**  
Village cemetery located in the Village of West Carthage. The cemetery is comprised of a mix of graves from the mid-nineteenth century to the early twenty-first centuries, and appears to be active. The cemetery displays a mix of marble and granite headstones with some zinc markers present. A number of grave markers are knocked over or damaged, but the cemetery is in general good condition. Though a sign indicates the cemetery was incorporated in 1898, a cemetery is noted at this location on the Town of Champion plate of the 1864 Beers *Atlas of Jefferson County, New York*, as well as the 1888 Robinson *Atlas of Jefferson County, New York*.



Photo 2: View to southwest



Photo 3: View to northwest

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: 27 Lathrop Street, north and west facades

### Property Information

Address: 27 Lathrop Street, West Carthage

Style: Italianate	Date: ca.1880	Stories: 2
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External siding: Wood	Plan: Rectangular (irregular)
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Foundation: Stone	Roof: Low-pitched	Sash: Wood/vinyl
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NYSOPRHP USN#: 045.06.000031	NYSOPRHP Status: Undetermined
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EDR Evaluation: Recommended NRHP-Eligible

#### Details:

Modest example of an Italianate-style house in the Village of West Carthage. The house is comprised of a two-and-a-half story main block, a two-story hyphen, and a one-and-a-half story wing. All exterior wall surfaces are clad in wood. The main block and hyphen are topped by a low-pitched roof clad in metal. The roof of north wing is side-gabled and clad in asphalt shingle. The main block of the house is three bays wide by two bays deep. The main entry is offset on the west (street) facade beneath an open entry porch with decorative turned posts. Windows on the west and south facades are tall, two-over-two wood sash windows set in wood surrounds. Windows on the hyphen are of similar construction, with upper story windows being of smaller size. The main block and hyphen display paired decorative wood brackets along the frieze. Single pane windows are located along the main block frieze. A structure is depicted in this location on the 1888 *Robinson Atlas of Jefferson County, New York* as owned by "Douglas."



Photo 2: West and south facades

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: 4 Bridge Street, west and south facades

### Property Information

Address: 4 Bridge Street, West Carthage

Style: Italianate      Date: ca.1890      Stories: 2

External siding: Wood      Plan: Rectangular

Foundation: Parged      Roof: Side gable      Sash: Vinyl

NYSOPRHP USN#: 045.06.000035      NYSOPRHP Status: Not eligible

EDR Evaluation: Recommended NRHP-Eligible

**Details:** High-style Italianate house located in the Village of West Carthage. The house is set on a prominent corner lot, and is comprised of a two-story main block with cupola, and a one-story modern addition on the north facade. The house is clad in wood siding, and topped by a low-pitched roof. The south (street) facade, contains the main entrance, which is located beneath a raised porch exhibiting a pedimented roof, carved brackets and decorative turned posts. Windows on the south and east facade are two-over-two wood sash windows with wood window hoods. Two modern replacement windows are located on the west facade. Decorative grates and paired wood brackets are located throughout the frieze. The cupola exhibits paired arched windows between paired wood brackets. The basement story of the west facade is pierced by vinyl replacement windows. Though a date plaque near the entrance reads "circa 1837," no structure is depicted at this location on the 1864 or 1888 county atlases, indicating the date of construction was likely post-1888. A non-contributing, detached two-car garage of modern construction is located north of the house.



Photo 2: South and east facades



Photo 3: West facade

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: 6 1/2 South Main Street, north and east facades

### Property Information

Address: 6 1/2 Main Street, West Carthage

Style: Queen Anne

Date:  
ca.1890-1900

Stories:  
2.5

External siding: Concrete block/  
wood shingle

Plan: Asymmetrical

Foundation:  
Concrete block

Roof: Hipped with  
cross gable

Sash: Vinyl

NYSOPRHP USN#: N/A

NYSOPRHP Status: N/A

EDR Evaluation: Recommended NRHP-Eligible

**Details:** Eclectic Queen Anne-style house located in the Village of West Carthage. The house is situated atop a raised foundation on a corner lot, and is two-and-a-half stories tall, with concrete block wall construction on the first story, and wood shingle siding on the upper stories. A wood belt course separates the first and second stories. A limestone water table runs around the house above the foundation. The cross-gabled roof is clad in asphalt shingle, with a brick chimney near the middle. Fenestration is irregular on all facades, with wood and aluminum sash windows found on the first story, and aluminum and vinyl sash windows on the second story. Attic story gable windows are vinyl casement. An open porch with corner turret clad in asphalt shingle, and decorative sawn wood spindling, brackets and posts is located at the southeast corner of the house. A dual wood door vestibule is located on the east facade. A one-story garage with similar wall materials and gambrel roof is located west of the house. No structure is depicted at this location on the 1888 Robinson county atlas, though one is evident on the 1904 USGS Carthage map.



Photo 2: East and south facades



Photo 3: West and south facades

### Copenhagen Wind Farm

Town of Denmark - Lewis County;

Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List

January 2014



Photo 1: Former West Carthage Congregational Church, north and east facades

### Property Information

**Address:** 21 1/2 North Main Street, West Carthage  
(former West Carthage Congregational Church)

<b>Style:</b> Vernacular Greek Revival and Gothic Revival	<b>Date:</b> ca.1852/1893	<b>Stories:</b> 2 with tower
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<b>External siding:</b> Wood	<b>Plan:</b> Rectangular (irregular)
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<b>Foundation:</b> Stone	<b>Roof:</b> Cross-gable	<b>Sash:</b> Wood
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<b>NYSOPRHP USN#:</b> N/A	<b>NYSOPRHP Status:</b> N/A
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**EDR Evaluation:** Recommended NRHP-Eligible

**Details:** Vernacular Greek Revival-style former church building located in the Village of West Carthage. The church is comprised of a two-story main block with cross-gabled roof and entry tower, and a one-and-a-half-story rear wing. The walls are clad in wood siding, with pilasters located between bays. The roof of the main block displays cornice returns, and is clad in asphalt shingle. First story windows on the main block are square and primarily fixed sash. Second story windows are pointed arch style, with paired windows in the tower, a tripartite window on the north facade and two windows on the west facade. The main block is raised atop a foundation of limestone laid in an ashlar pattern. Two-over-two wood sash windows punctuate the north and west walls of the basement story. The tower is three stories tall, topped by a pyramidal roof, and an open balcony story with walls clad in wood shingle. Two modern additions are located on the east facade of the church, with concrete foundations, vinyl siding and windows, and roofs clad in metal. Most of the stained glass windows have been removed, replaced by single panes of glass.



Photo 2: West and south facades

### Details (continued):

The church was originally constructed on this site in 1852, then underwent a major enlargement in 1893-94. A church is noted at this location on the 1864 Beers *Atlas of Jefferson County, New York*, as well as the 1888 Robinson *Atlas of Jefferson County, New York*.

The building was sold to a Baptist congregation in 1985, who held services until 2008 when they sold the building. It is currently privately owned, but is significant for its connection to the Congregationalist Church in Jefferson County, who built the first church in the county in the Village of Champion in 1818, and formed its first congregation in West Carthage in 1835. The building at 21 1/2 North Main Street is significant for operating as a church for over 150 years at this location.

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: 30 1/2 North Main Street and carriage house

### Property Information

Address: 30 1/2 North Main Street, West Carthage

Style: Queen Anne/Colonial Revival      Date: ca.1900      Stories: 2

External siding: Wood      Plan: Asymmetrical

Foundation: Stone      Roof: Hipped with cross gable      Sash: Wood

NYSOPRHP USN#: N/A      NYSOPRHP Status: N/A

EDR Evaluation: Recommended NRHP-Eligible

#### Details:

Transitional Queen Anne-to-Colonial Revival-style house, located in the Village of West Carthage. The house is comprised of a two-story main block with a one-story hyphen attached to the north. The house displays a mix of form and materials from the Queen Anne and Colonial Revival styles. The generally rectangular form is interrupted on the east, west and south facades by slightly projecting bays beneath cross gables, with pilasters at all corners. Cornice brackets adorn the roof line between the gables, which exhibit cornice returns. Fenestration is irregular on all facades, and windows are generally one-over-one wood sash variety, with six-light fixed sash windows in the south cross gable end, as well as a gabled dormer punctuating the south slope of the roof. The hyphen contains vinyl replacement windows. Dented wood window crowns are located on most windows on the main block. Dual wood entry doors are offset on the south facade beneath a wide transom. A one-story shed-roofed open porch supported by square posts is located on the south facade.



Photo 2: West and south facades

#### Details (continued):

A two-and-a-half-story carriage house with wood cladding, cross-gabled roof and wood sash windows is located northwest of the house. It has been converted into a two-car garage, but retains a wood hayloft door on the south facade.

A structure is noted at this location on the West Carthage plate of the 1888 Robinson *Atlas of Jefferson County, New York* as owned by "S. Rice," though it appears to have a different plan than the current house, indicating it was constructed at a later date.

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: 21 North Jefferson Street, north and east facades

### Property Information

Address: 21 North Jefferson Street, West Carthage

Style: Queen Anne      Date: ca.1890      Stories: 2

External siding: Wood      Plan: Asymmetrical

Foundation: Stone      Roof: Hipped with gable      Sash: Wood

NYSOPRHP USN#: N/A      NYSOPRHP Status: N/A

EDR Evaluation: Recommended NRHP-Eligible

**Details:** Queen Anne-style house located in the Village of West Carthage. The house sits atop a raised limestone foundation, and is two stories tall with walls clad in wood clapboard. The house is comprised of a main block, and a one-and-half story rear service wing. The roof of the main block is hipped with cross gables on the north and east facades, and is clad in asphalt shingle. Fenestration is irregular on all facades, with most windows being comprised of a multi-paned, colored glass sash above a single paned sash. Fixed sash, colored glass windows are located on the attic story gable ends beneath deeply projecting eaves, flanked by wood brackets, with decorative gable ornamentation above. A canated bay is located beneath the east facade gable. A one-story open porch with sawn wood detail and wood shingle walls is located on the north facade. A one-story, shed-roofed, one bay garage is located at the northwest corner of the house. A structure is noted at this location on the West Carthage plate of the 1888 Robinson *Atlas of Jefferson County, New York* as owned by "S. Rice," though it appears to have a different plan than the current house, indicating it was constructed at a later date.



Photo 2: East and south facades



Photo 3: North and west facades

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: 4 North Jefferson Street, south and east facades

### Property Information

Address: 4 North Jefferson Street, West Carthage

Style: Greek Revival      Date: ca.1880      Stories: 2

External siding: Wood      Plan: Rectangular (irregular)

Foundation: Stone      Roof: Side gable      Sash: Vinyl

NYSOPRHP USN#: N/A      NYSOPRHP Status: N/A

EDR Evaluation: Recommended NRHP-Eligible

#### Details:

Modest example of an Italianate-style house located in the Village of West Carthage. The house is two stories tall with walls clad in wood siding and a low-pitched roof clad in asphalt shingle. The main block of the house is three bays wide on the south (street) facade, and two bays deep. The main entry is located in the center bay beneath a hipped gable roof entry, flanked by turned posts. Two-over-two wood sash windows are arranged symmetrically on the south and east facades. Paired sawn wood brackets are located throughout the frieze. A two-story addition is located on the north facade of the main block. A one-story modern addition is located at the northeast corner of the main block, clad in vinyl siding with vinyl windows. A two-story carriage house is located northeast of the house, with walls clad in wood and a medium-pitched hipped roof clad in asphalt shingle. It has been converted into a two-car garage. An upper story hay-loft door and window are intact. A structure with an outbuilding is noted at this location on the West Carthage plate of the 1888 Robinson *Atlas of Jefferson County, New York* as owned by "J.G. Potter."



Photo 2: Carriage house, south facade

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: Utica & Black River Railroad bridge over Black River, view to northwest

### Property Information

Address: Utica & Black River Railroad Bridge, West Carthage

Style: Half-through plate girder	Date: ca.1872	Spans: 1
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Piers: Stone/concrete	Abutment: Stone/concrete
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Beam spans: Steel	Deck: Wood	Active: No
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NYSOPRHP USN#: N/A	NYSOPRHP Status: N/A
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EDR Evaluation: Recommended NRHP-Eligible

#### Details:

Former Utica & Black River Railroad Bridge over the Black River. The half-through plate girder bridge spans from the Village of West Carthage on the southeast to the Village of Carthage on the northwest. The bridge was originally constructed in 1872 when the Utica & Black River Railroad was extended north from Lowville. The bridge later served the Rome, Watertown & Ogdensburg Railroad and finally the New York Central Railroad, but is no longer active. The bridge is first depicted on the Champion plate of the 1888 Robinson *Atlas of Jefferson County, New York*. The bridge is in fair condition, but displays some wear to the steel plate walls and beam spans. Five of the six piers are constructed of limestone walls with stone footings and caps, with one replacement pier constructed of concrete, that is in poor repair. The bridge is significant for its association with the history of railroad transportation in Lewis and Jefferson Counties, as well as the industry of West Carthage and Carthage in the late nineteenth and early twentieth centuries.



Photo 2: View to northeast



Photo 3: View to north

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List

January 2014



Photo 1: 10912 NY Route 126, south and east facades

### Property Information

**Address:** 10912 NY Route 126, Croghan

<b>Style:</b> Vernacular Craftsman	<b>Date:</b> ca.1900-1910	<b>Stories:</b> 2
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<b>External siding:</b> Cast concrete block	<b>Plan:</b> Rectangular (irregular)
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<b>Foundation:</b> Concrete block	<b>Roof:</b> Front gable	<b>Sash:</b> Wood/aluminum
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<b>NYSOPRHP USN#:</b> N/A	<b>NYSOPRHP Status:</b> N/A
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**EDR Evaluation:** Recommended NRHP-Eligible

#### Details:

Rare example of a Craftsman house with concrete block walls in the Town of Croghan. The house is two stories tall, and comprised of a front-gabled block with smaller gabled entry wing on the south (street) facade. The concrete block walls are topped by an asphalt shingle roof, with wood clapboard walls in the gable ends. Fenestration is divided between wood and aluminum sash windows in various arrangements on all facades. The main entry is on the south facade of the main block, with a one-story open corner porch. A one-story, flat-roofed wing with paired one-over-one wood sash windows and wood clapboard siding is located at the northwest corner of the house. A two-story barn with wide vertical wood cladding and sliding doors is located northwest of the house.



Photo 2: House and barn, south facades



Photo 3: Barn, south facade

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: 10418 NY Route 126, south and east facades

### Property Information

Address: 10418 NY Route 126, Croghan

Style: Vernacular      Date: ca.1860-1870      Stories: 2

External siding: Wood      Plan: Gabled ell with wing

Foundation: Stone      Roof: Side gable      Sash: Vinyl

NYSOPRHP USN#: N/A      NYSOPRHP Status: N/A

EDR Evaluation: Recommended NRHP-Eligible

**Details:** Vernacular farmhouse located in the Village of Copenhagen. The main block of the house is one-and-a-half stores tall, two bays wide on the south (street) facade, and three bays deep, with a gabled roof clad in asphalt shingle. The walls of the house are clad in wood clapboard. Vinyl replacement windows are arranged symmetrically on all facades. A 1.5-story service wing is attached to the north facade of the house, topped with a metal-clad roof. A large, three-story gambrel-roofed dairy barn with vertical wood cladding is located northwest of the house. This barn contains several wood sash windows, a metal-clad roof, and large poured concrete bank entry. A smaller one-story hog barn is located northeast of the house, set into a low hillside. It displays vertical wood-clad walls atop a raised stone foundation, and a saltbox roof clad in metal, as well as wood sash windows of varying sizes. Gabled entries with wood doors are located on the east and south facades. The farm exhibits good overall integrity and is representative of a late 19th-century Lewis County farm. A structure is noted at this location on the Croghan plate of the 1875 Beers *Atlas of Lewis County, New York* as owned by "J.Stevens."



Photo 2: Dairy barn, east facade



Photo 3: Barn, south facade

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List  
January 2014



Photo 1: Union Cemetery of Naumburg, view to southeast

### Property Information

Address: 10291 NY Route 126 (Union Cemetery of Naumburg)

Style: N/A

Date:  
ca. 1870-1880

Stories:  
N/A

External siding: N/A

Plan: N/A

Foundation: N/A

Roof: N/A

Sash: N/A

NYSOPRHP USN#: N/A

NYSOPRHP Status: N/A

EDR Evaluation: Recommended NRHP-Eligible

#### Details:

Small rural cemetery located northeast of the Village of Castorland, and northwest of the hamlet of Naumburg. The cemetery is comprised of an older section on a raised lot, and a newer, western section, which appears to be active. The cemetery displays a mix of marble and granite markers, and is well-maintained overall, with very few stones knocked over or damaged, though some stones in the older section appear to have been dislodged by ground movement. The headstones date from the 1870s in the older, eastern portion, to recent burials in the newer, western portion. The cemetery is one of the few remaining resources from the settlement of Naumburg that flourished in the late nineteenth century in the Town of Croghan.



Photo 2: Older section, view to southeast



Photo 3: Newer section, view to northwest

### Copenhagen Wind Farm

Town of Denmark - Lewis County;

Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List

January 2014



Photo 1: 10178 NY Route 126, south and west facades

### Property Information

Address: 10178 NY Route 126, Croghan

Style: Vernacular Queen Anne

Date:  
ca.1870-1880

Stories:  
2.5

External siding: Wood

Plan: Asymmetrical

Foundation: Stone

Roof: Side gable

Sash: Wood

NYSOPRHP USN#: N/A

NYSOPRHP Status: N/A

EDR Evaluation: Recommended NRHP-Eligible

**Details:** Queen Anne-style house with associated farm complex located in the Town of Croghan, just east of the hamlet of Naumburg. The house appears to have been enlarged from a simple vernacular farmhouse with canted bays added to the south and west facades, as well as a hipped roof addition on the north side of the house. The walls of the house are clad in wood clapboard. The main block of the house is two stories tall, five bays wide on the south (street) facade, and two bays deep, with a side-gabled roof clad in asphalt shingle. A canted bay on the south facade includes the main entry, flanked by one-over-one wood sash windows on either side of the bay, and similar windows on the upper story. Decorative sawn wood brackets are located along the roof line of the canted bays. A multi-pane colored glass window is located in the attic story gable on the south facade. A number of modern agricultural outbuildings are located around the property, as well as an early twentieth century smokehouse. The property includes an active dairy farm as well as a lumbering business. A structure is noted at this location on the Croghan plate of the 1875 Beers *Atlas of Lewis County, New York* as owned by "D. Byer."



Photo 2: South facade



Photo 3: Agricultural outbuildings, view to northwest

### Copenhagen Wind Farm

Town of Denmark - Lewis County;

Towns of Champion and Rutland - Jefferson County

Appendix B: Annotated Property List

January 2014

## **Appendix C: Previously Surveyed Historic Resources**



Photo 01

9708 NY Route 12

Structure L  
USN 049.43.000042

Copenhagen Village Historic  
District South

EDR Recommended  
Not NRHP-Eligible



Photo 02

9708 NY Route 12

Structure M  
USN 049.43.000043

Copenhagen Village Historic  
District South

Non-contributing to district

EDR Recommended  
Not NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014





Photo 03

9754 NY Route 12

Structure N  
USN 049.43.000044

Copenhagen Village Historic  
District South

EDR Recommended  
Not NRHP-Eligible



Photo 04

9756 NY Route 12

Structure O  
USN 049.43.000045

Copenhagen Village Historic  
District South

Non-contributing to district

EDR Recommended  
Not NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014





Photo 05

9764 NY Route 12

Structure P  
USN 049.43.000046

Copenhagen Village Historic  
District South

EDR Recommended  
Not NRHP-Eligible



Photo 06

9770 NY Route 12

Structure Q  
USN 049.43.000047

Copenhagen Village Historic  
District South

EDR Recommended  
Not NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014





Photo 07

9776 NY Route 12

Structure R  
USN 049.43.000048

Copenhagen Village Historic  
District South

EDR Recommended  
Not NRHP-Eligible



Photo 08

120 High Street/NY Route 12

Structure S  
USN 049.43.000049

Copenhagen Village Historic  
District South

EDR Recommended  
Not NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014





Photo 09

9784 NY Route 12

Structure T  
USN 049.43.000050

Copenhagen Village Historic  
District South

EDR Recommended  
Not NRHP-Eligible



Photo 10

9790 NY Route 12

Structure U  
St. Mary's Church  
USN 049.43.000051

Copenhagen Village Historic  
District South

EDR Recommended  
NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014





Photo 11

9790 NY Route 12

**Structure V**  
St. Mary's Church Rectory  
USN 049.43.000052

Copenhagen Village Historic  
District South

EDR Recommended  
Not NRHP-Eligible



Photo 12

9794 NY Route 12

**Structure W**  
The Cottage Inn  
Pub & Wine Bar  
USN 049.43.000053

Copenhagen Village Historic  
District South

EDR Recommended  
Not NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

**Appendix C:** Previously Surveyed Historic Resources

January 2014





Photo 13

NY Route 12

Structure T3  
USN 049.43.000056

Copenhagen Village Historic  
District South

DEMOLISHED

EDR Recommended  
Not NRHP-Eligible



Photo 14

Intersection of NY Route 12,  
Cataract Street and  
Washington Street

Monument Park  
USN 049.43000054

Copenhagen Village Historic  
District South

EDR Recommended  
NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

### Appendix C: Previously Surveyed Historic Resources

January 2014





Photo 15

9854 NY Route 12

Structure X  
USN 049.43.000055

Copenhagen Village Historic  
District South

EDR Recommended  
NRHP-Eligible



Photo 16

NE corner of NY Route 12 and  
Maiden Street

United Church  
of Copenhagen  
USN 049.43.000074

EDR Recommended  
NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014





Photo 17

9972 NY Route 12

Structure K2  
USN 049.43.000075

EDR Recommended  
NRHP-Eligible



Photo 18

9978 NY Route 12

Structure L2  
USN 049.43.000076

EDR Recommended  
NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014





Photo 19

10005 NY Route 12

Structure X2  
USN 049.43.000057

Copenhagen Village Historic  
District North

EDR Recommended  
NRHP-Eligible



Photo 20

NY Route 12

Structure Y2  
USN 049.43.000058

Copenhagen Village Historic  
District North

Non-contributing to district

EDR Recommended  
Not NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014





Photo 21

10001 NY Route 12

Structure Z2  
USN 049.43.000059

Copenhagen Village Historic  
District North

EDR Recommended  
Not NRHP-Eligible



Photo 22

9991 NY Route 12

Structure A3  
USN 049.43.000060

Copenhagen Village Historic  
District North

EDR Recommended  
Not NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014





Photo 23

9985 NY Route 12

Structure B3  
USN 049.43.000061

Copenhagen Village Historic  
District North

EDR Recommended  
Not NRHP-Eligible



Photo 24

9977 NY Route 12

Structure D3  
USN 049.43.000063

Copenhagen Village Historic  
District North

EDR Recommended  
Not NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014





Photo 25

NY Route 12

Structure E3  
USN 049.43.000064

Copenhagen Village Historic  
District North

EDR Recommended  
Not NRHP-Eligible



Photo 26

NY Route 12

Structure F3  
USN 049.43.000065

Copenhagen Village Historic  
District North

EDR Recommended  
Not NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014





Photo 27

9963 NY Route 12

Structure G3  
USN 049.43.000066

Copenhagen Village Historic  
District North

EDR Recommended  
Not NRHP-Eligible



Photo 28

9957 NY Route 12

Structure H3  
USN 049.43.000067

Copenhagen Village Historic  
District North

EDR Recommended  
Not NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014





Photo 29

NY Route 12

Structure I3  
USN 049.43.000068

Copenhagen Village Historic  
District North

**DEMOLISHED**

EDR Recommended  
Not NRHP-Eligible



Photo 30

9945 NY Route 12

Structure J3  
USN 049.43.000069

Copenhagen Village Historic  
District North

**Non-contributing to district**

EDR Recommended  
Not NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014





Photo 31

NY Route 12

Structure K3  
USN 049.43.000070

Copenhagen Village Historic  
District North

EDR Recommended  
Not NRHP-Eligible



Photo 32

9933 NY Route 12

Structure L3  
USN 049.43.000071

Copenhagen Village Historic  
District North

EDR Recommended  
Not NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014





Photo 33

9993 NY Route 12

Structure M3  
USN 049.43.000072

Copenhagen Village Historic  
District North

EDR Recommended  
Not NRHP-Eligible



Photo 34

NY Route 12

Structure C3  
USN 049.43.000062

Copenhagen Village Historic  
District North

DEMOLISHED

(Approximate building  
footprint outlined in red)

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014





Photo 35

2813 Thesier Road

Battle Cemetery  
(St. Patrick's Cemetery)  
USN 049.05.000036

EDR Recommended  
NRHP-Eligible



Photo 36

8735 NY Route 12

Gallup Cemetery  
USN 049.05.000038

EDR Recommended  
NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014



Photo 37

8501 NY Route 12

USN 049.05.000035

Harrisburg Historic District

EDR Recommended  
Not NRHP-Eligible



Photo 38

8535 NY Route 12

USN 049.05.000033

Harrisburg Historic District

EDR Recommended  
Not NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014





Photo 39

3830 Vary Road

USN 049.05.000032/  
049.05.000041

Harrisburg Historic District

EDR Recommended  
Not NRHP-Eligible



Photo 40

8542 NY Route 12

Fairview Cemetery  
USN 049.05.000034

Harrisburg Historic District

EDR Recommended  
NRHP-Eligible

### Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

### Appendix C: Previously Surveyed Historic Resources

January 2014





Photo 41

Intersection of NY Route 12  
and County Route 14

Structure D  
USN 049.02.000036

DEMOLISHED



Photo 42

7477 Rice Road

USN 049.09.000024

Number Three Road-  
Rice Road Historic District

EDR Recommended  
Not NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014





Photo 43

8049 Number Three Road  
(Photo 1)

USN 049.09.000023

Number Three Road-  
Rice Road Historic District

EDR Recommended  
NRHP-Eligible



Photo 44

8049 Number Three Road  
(Photo 2)

USN 049.09.000023

Number Three Road-  
Rice Road Historic District

EDR Recommended  
NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014





Photo 45

Van Amber Road  
Bridge over Beaver River

BIN 3339920  
USN 049.13.000081

EDR Recommended  
NRHP-Eligible

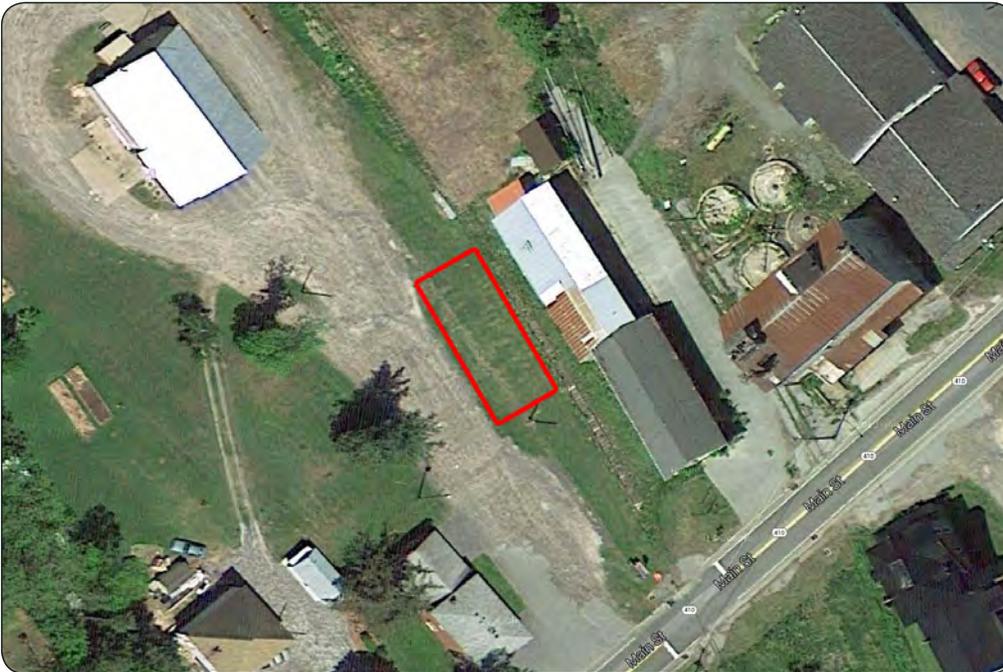


Photo 46

Intersection of Main Street  
and Railroad Street

Castorland Railroad Depot  
USN 049.41.000004

DEMOLISHED

(Approximate building  
footprint outlined in red)

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014



Photo 47

34397 NY 126

Louis J. Waite Farm  
USN 045.06.000050

EDR Recommended  
NRHP-Eligible



Photo 48

34237 NY Route 126

Hiram Hubbard House  
USN 08NR05893

NRHP-Listed

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014



Photo 49

2952 Alexander Road

USN 049.05.000040

EDR Recommended  
Not NRHP-Eligible



Photo 50

8205 NY Route 12

USN 049.09.000030

EDR Recommended  
NRHP-Eligible

## Copenhagen Wind Farm

Town of Denmark - Lewis County;  
Towns of Rutland and Champion - Jefferson County

Appendix C: Previously Surveyed Historic Resources

January 2014



## **Appendix D: Visual Simulations**



**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:**  
Visual Simulations

**Viewpoint 2**  
Existing View  
Fuller Road, Town of  
Denmark

January 2014

Sheet 1 of 24



## Copenhagen Wind Farm

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

Appendix D:  
Visual Simulations

Viewpoint 2  
Proposed View -  
Preliminary  
62-Turbine Layout

Fuller Road, Town of  
Denmark

**Note:**  
This simulation shows  
the preliminary 62-turbine  
layout that was evalu-  
ated in the Visual Impact  
Assessment (VIA) for  
the Project. Although the  
placement of turbines may  
have shifted in some in-  
stance, comparison of the  
preliminary and revised  
layouts indicates that the  
overall effect on the view  
from this viewpoint will be  
essentially the same for  
the 47-turbine layout.

January 2014

Sheet 2 of 24



**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:**  
Visual Simulations

**Viewpoint 17**  
Existing View  
Copenhagen Central  
School, Mechanic  
Street, Village of  
Copenhagen

January 2014

Sheet 3 of 24



**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:**  
Visual Simulations

**Viewpoint 17**  
Proposed View -  
Revised 47-Turbine  
Layout

Copenhagen Central  
School, Mechanic  
Street, Village of  
Copenhagen

January 2014

Sheet 4 of 24



**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:**  
Visual Simulations

**Viewpoint 49**  
Existing View  
Pleasant Lake,  
Lake Road, Town of  
Champion

January 2014

Sheet 5 of 24



## Copenhagen Wind Farm

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

### Appendix D: Visual Simulations

#### Viewpoint 49 Proposed View - Preliminary 62-Turbine Layout

Pleasant Lake,  
Lake Road, Town of  
Champion

#### Note:

This simulation shows the preliminary 62-turbine layout that was evaluated in the Visual Impact Assessment (VIA) for the Project. Although the placement of turbines may have shifted in some instance, comparison of the preliminary and revised layouts indicates that the overall effect on the view from this viewpoint will be essentially the same for the 47-turbine layout.

January 2014

Sheet 6 of 24



**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:**  
Visual Simulations

**Viewpoint 63**  
Existing View  
County Road 194,  
Town of Denmark

January 2014

Sheet 7 of 24



**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:**  
Visual Simulations

**Viewpoint 63**  
Proposed View -  
Preliminary  
62-Turbine Layout

County Road 194,  
Town of Denmark

**Note:**  
This simulation shows  
the preliminary 62-turbine  
layout that was evalu-  
ated in the Visual Impact  
Assessment (VIA) for  
the Project. Although the  
placement of turbines may  
have shifted in some in-  
stance, comparison of the  
preliminary and revised  
layouts indicates that the  
overall effect on the view  
from this viewpoint will be  
essentially the same for  
the 47-turbine layout.

January 2014

Sheet 8 of 24





**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:**  
Visual Simulations

**Viewpoint 86**  
Existing View  
NYS Route 12/High  
Street, Village of  
Copenhagen

January 2014

Sheet 9 of 24





**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:**  
Visual Simulations

**Viewpoint 86**  
Proposed View -  
Revised 47-Turbine  
Layout

NYS Route 12/High  
Street, Village of  
Copenhagen

January 2014

Sheet 10 of 24





**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:**  
Visual Simulations

**Viewpoint 96**  
Existing View  
Maple Ridge Wind  
Farm, Porter Road,  
Town of Harrisburg

January 2014

Sheet 11 of 24



**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:**  
Visual Simulations

**Viewpoint 96**  
Proposed View -  
Revised 47-Turbine  
Layout

Maple Ridge Wind  
Farm, Porter Road,  
Town of Harrisburg

January 2014

Sheet 12 of 24



**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:**  
Visual Simulations

**Viewpoint 125**  
Existing View  
Cook Road, Town of  
Rutland

January 2014

Sheet 13 of 24



**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:**  
Visual Simulations

**Viewpoint 125**  
Proposed View -  
Revised 47-Turbine  
Layout

Cook Road, Town of  
Rutland

January 2014

Sheet 14 of 24



**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:**  
Visual Simulations

**Viewpoint 155**  
Existing View  
Mud Street, Town of  
Denmark



January 2014

Sheet 15 of 24



**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:  
Visual Simulations**

**Viewpoint 155**  
Proposed View -  
Preliminary  
62-Turbine Layout

Mud Street, Town of  
Denmark

**Note:**  
This simulation shows  
the preliminary 62-turbine  
layout that was evalu-  
ated in the Visual Impact  
Assessment (VIA) for  
the Project. Although the  
placement of turbines may  
have shifted in some in-  
stance, comparison of the  
preliminary and revised  
layouts indicates that the  
overall effect on the view  
from this viewpoint will be  
essentially the same for  
the 47-turbine layout.

January 2014

Sheet 16 of 24





**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:**  
Visual Simulations

**Viewpoint 159**  
Existing View  
NYS Route 26, Town  
of Denmark

January 2014

Sheet 17 of 24



## Copenhagen Wind Farm

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

Appendix D:  
Visual Simulations

Viewpoint 159  
Proposed View -  
Preliminary  
62-Turbine Layout

NYS Route 26, Town  
of Denmark

**Note:**

This simulation shows the preliminary 62-turbine layout that was evaluated in the Visual Impact Assessment (VIA) for the Project. Although the placement of turbines may have shifted in some instance, comparison of the preliminary and revised layouts indicates that the overall effect on the view from this viewpoint will be essentially the same for the 47-turbine layout.

January 2014

Sheet 18 of 24



**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:**  
Visual Simulations

**Viewpoint 200**  
Existing View  
NYS Route 26, Town  
of Croghan

January 2014

Sheet 19 of 24





**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:**  
Visual Simulations

**Viewpoint 200**  
Proposed View -  
Revised 47-Turbine  
Layout

NYS Route 26, Town  
of Croghan

January 2014

Sheet 20 of 24



**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:**  
Visual Simulations

**Viewpoint 140**  
Existing View  
Switzer Road, Town  
of Champion

January 2014

Sheet 21 of 24



**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:**  
Visual Simulations

**Proposed FEIS  
Layout**

**Viewpoint 140**  
Proposed View  
Switzer Road, Town  
of Champion

January 2014

Sheet 22 of 24



**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:**  
Visual Simulations

**Viewpoint 141**  
Existing View  
Switzer Road, Town  
of Champion

January 2014

Sheet 23 of 24



**Copenhagen  
Wind Farm**

Town of Denmark -  
Lewis County, NY and  
Towns of Rutland and  
Champion - Jefferson  
County, NY

**Appendix D:**  
Visual Simulations

**Proposed FEIS  
Layout**

**Viewpoint 141  
Proposed View**  
Switzer Road, Town  
of Champion

January 2014

Sheet 24 of 24