

Public Involvement Program (PIP) Plan for Heritage Wind Farm

November 23, 2016

Case Number 16-F-0546 Apex Clean Energy, Inc. 310 4th Street NE, Suite 200 Charlottesville, VA 22902



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1. Introduction

Heritage Wind LLC ("the Applicant"), a subsidiary of Apex Clean Energy, Inc., is proposing to submit an Application to construct a major electric generating facility under Article 10 of the Public Service Law (PSL). Pursuant to the rules of the New York State Board on Electric Generating Siting and the Environment ("Siting Board"), applicants proposing to submit an Application to construct a major electric generating facility under Article 10 must submit a Public Involvement Program (PIP) plan. Under 16 NYCRR § 1000.4, the PIP must be submitted to the Department of Public Service (DPS) for review at least 150 days prior to filing a Preliminary Scoping Statement (PSS). This document is intended to be the PIP for the Heritage Wind project (the "Project"). The Project is intended to be an approximately 200.1 megawatt (MW) wind-powered electric generating facility proposed by the Applicant to be located in the Town of Barre, Orleans County, New York. The proposed interconnection point for the Project is within the Town of Barre along the existing National Grid Shelby-Sweeden 115kv power line.

As required under 16 NYCRR § 1000.4, the Applicant's PIP plan includes the following components:

- (1) consultation with the affected agencies and other stakeholders;
- (2) pre-application activities to encourage stakeholders to participate at the earliest opportunity;
- (3) activities designed to educate the public as to the specific proposal and the Article 10 review process, including the availability of funding for municipal and local parties;
- (4) the establishment of a website to disseminate information to the public;
- (5) notifications to affected agencies and stakeholders; and
- (6) activities designed to encourage participation by stakeholders in the certification and compliance process.

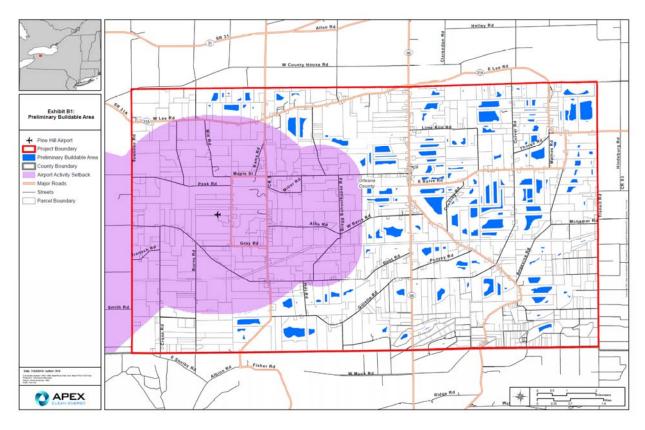


2. Project Summary

Heritage Wind (the "Project") is an approximately 200.1 MW proposed wind energy project located in the Town of Barre, Orleans County, New York. The Project is owned and is being developed by Apex Clean Energy Holdings, LLC ("Apex"). The approximate size of the Study Area is 35,300 acres.

It is expected that the Project will evolve during the development and study phases, and consequently an updated project boundary will be included in the subsequent Preliminary Scoping Statement (PSS) and the Application. The Project's boundary and defined buildable area will develop and change based on site evaluation and assessment and parcel leasing.

Based on the preliminary data gathered, including setbacks and rules for wind development in the Barre town code, the map on the following page shows the Project's current modeling of potential areas where wind turbines could be constructed. The current model of potential buildable area will be refined throughout the course of project development. This map does not take into account landowner participation, environmental factors such as wildlife and wetlands, or additional setback considerations. Further, please note that this map is not intended to suggest that wind turbines would be placed on every location identified as potentially buildable area. This map is also included in the attached Exhibit B: Maps and Figures.





Using the National Renewable Energy Laboratory's (NREL) Jobs and Economic Development Impact (JEDI) modeling tool, the Project estimates that 672 temporary jobs will be created during the construction period and as many as 22 permanent jobs will be created by the Project. The JEDI tool estimates that construction of the Project may yield up to \$1.5 million in tax revenue for local taxing jurisdictions. NREL's JEDI modeling tool is available for free download at www.nrel.gov/analysis/jedi/.



3. Identification of Specific Stakeholders

a. Preliminary Stakeholder List

This section details a list of known parties that would reasonably be interested in the Project. Acquired contact information for each party is listed in Exhibit A: Stakeholder Register attached to this document. This list will be regularly updated based on public outreach and stakeholder feedback.

i. Host Municipalities

The host municipality for the Project is the Town of Barre in Orleans County. Barre is governed by a Town Board and Orleans County is governed by a County Legislature.

ii. Adjacent Municipalities

Although not included in the project boundary, adjacent municipalities were identified by using a five-mile buffer of the Study Area. See Exhibit B2a and Exhibit B2b for maps illustrating the footprint of the five-mile buffer applied to the Project boundary. Those municipalities are:

- Town of Alabama
- Town of Albion
- Village of Albion
- Town of Byron
- Town of Clarendon
- Town of Elba
- Village of Elba
- Town of Gaines
- Village of Holley
- Town of Shelby
- Village of Medina
- Town of Murray
- Town of Oakfield
- Village of Oakfield
- Town of Ridgeway
- Genesee County

iii. Host Landowners

Host landowners are the landowners who have chosen to participate in the Project by means of a lease agreement, setback waiver, or other easements for the Project.

iv. Adjacent Landowners

Adjacent landowners will be defined as those who own land that shares a common boundary with parcels housing facility components (e.g., wind turbines, substations, collection lines,



meteorological towers, O&M facility, etc.), as well as all residences within 2,500 feet of a wind turbine or substation. These landowners will be identified by use of GIS and parcel data available from Orleans County.

v. Other Affected Individuals, Groups, and Organizations

The Project will perform outreach to public interest groups in the Project's vicinity, including community groups, religious groups, business groups, and other such organizations, as they are identified or make themselves known. So far the project has identified the following groups as potentially interested in receiving information about the project:

- Albion Central School District
- Albion Rod & Gun Club
- Albion Rotary Club
- Barre Center Presbyterian Church
- Barre Fire Department
- Barre Planning Board
- Barre Zoning Board
- Byron-Bergen Central School District
- Cornell Cooperative Extension-Orleans County
- Elba Central School District
- Genesee County Airport
- Genesee County Planning Department
- Genesee County Highway Department
- Genesee Valley Audubon Society
- Holley Central School District
- Local Historians
- Lyndonville Central School District
- Medina Central School District
- Mercy Flight of Western New York
- National Grid
- Oakfield-Alabama Central School District
- Orleans County Chamber of Commerce
- Orleans County Emergency Management Office
- Orleans County Highway Department
- Orleans County Planning and Development Department
- Orleans County Public Health Department
- Orleans County Sheriff
- Orleans County Soil and Water Conservation District
- Orleans Economic Development Agency
- Orleans Farm Bureau
- Rochester Birding Association
- Sierra Club Niagra Group-Western NY
- The Cobbelstone Museum



- The Nature Conservancy
- The New York Audubon Society
- The Pine Hill Airport
- West Barre United Methodist Church
- Western Erie Canal Alliance (Western Erie Canal Heritage Corridor)
- Western New York Skydiving

The Project has begun reaching out to these organizations and will continue to engage organizational leaders and representatives to ensure that community members are able to access information about the project through existing institutions.

vi. New York State Agency Stakeholders

- Empire State Development Corporation
- New York Department of Public Service
- New York Independent Systems Operator
- New York State Assembly (Assemblyman Stephen Hawley, 139th District)
- New York State Attorney General
- New York State Department of Agriculture and Markets ("Ag and Markets")
- New York State Department of Environmental Conservation (NYSDEC)(on environmental issues, as well as in the Department's capacity as manager of the Oak Orchard and Tonawanda Wildlife Management Areas)
- New York State Department of Health (NYSDOH)
- New York State Department of State (NYSDOS)
- New York State Department of Transportation (NYSDOT)
- New York State Division of Homeland Security and Emergency Services
- New York State Energy Research and Development (NYSERDA)
- New York State Office of Parks, Recreation, and Historic Preservation (OPRHP)
- New York State Senate (State Senator Robert Ortt, 62nd District)

vii. Federal Stakeholders

- Friends of the Iroquois National Wildlife Refuge
- National Telecommunications and Information Administration
- The Tonowanda Seneca Nation
- United States Army Corp of Engineers
- United States Department of Defense Siting Clearinghouse
- United States Department of Fish and Wildlife
- United States Federal Aviation Administration
- United States Federal Energy Regulatory Commission
- United States House of Representatives (Representative Christopher Collins, 27th District)
- United States Senate (Senator Charles Schumer and Senator Kirsten Gillibrand)

viii. Environmental Justice Communities



Review of Environmental Justice community information available via New York State DEC confirm that there are no environmental justice communities in Orleans County, where the Study Area is located. NYS DEC publishes maps of potential environmental justice communities by county on their website (http://www.dec.ny.gov/public/899.html), which states, "There are no Potential EJ Areas in Orleans County."

ix. Early Outreach Activities

Representatives of the Project contacted the following stakeholders via letter in April 2016:

- The Albion Town Board
- The Barre Fire Department
- The Barre Town Board
- The Barre Town Planning Board
- New York State Assemblyman Stephen Hawley
- New York State Senator Robert Ortt
- The Orleans County Legislature
- The Orleans County Sherriff's Office
- The Pine Hill Airport
- West Barre United Methodist Church

Shortly thereafter, the Project sent letters via direct mail to each address within the proposed Study Area according to information available through county tax records. All of these stakeholders, including the general public, were invited to attend informational meetings at the Barre Town Hall and the Albion Hoag Library. Seven informational meetings were held between May 12, 2016, and July 6, 2016, and were advertised on the Project website and via correspondence as public information sessions. Community members and stakeholders have attended these meetings to learn about the Project's activities, plans, and potential impacts.

Project staff have engaged elected officials in public settings by attending Barre Town Board and Orleans County Legislature meetings and offering to meet with elected officials via letter and personal introduction in order to share information about the Project.

Project staff have also made every effort to engage individual community members directly through one-on-one interactions, mailings, and attendance at community events such as the 2016 Orleans County Fair, the Metro 10 race, the Medina Vendor Blender, and wind blade workshops at the Orleans/Niagara Board of Cooperative Educational Services.

These activities have led to a continually evolving understanding of the civic and social organizations active in the proposed Study Area. The Project plans to continue this outreach campaign by seeking, identifying, and contacting interested stakeholders.

x. Methodology for Identifying Stakeholders

Stakeholders have been identified through discussions with the Barre Town Board members, community engagement by Project staff, assessment of local political organizations, and utilization of geographic information systems to determine the regions, districts, and territories covered by agencies, as well as town, county, and state representatives who are expected to take part or have interest in the Article 10 proceedings for the Project. A five-mile buffer of the Study



Area was created to identify potential stakeholders by proximity. Throughout the permitting process, the Project will continue to build the project stakeholder list as community networks connect additional parties to the Project.

Please see Exhibit A: Stakeholder Register for our complete list of community and agency stakeholders.

b. Required Airport/Heliport Outreach

The Project will consult with the owners and operators of area public and private airports and heliports regarding the Project. The project met with owners of the Pine Hill Airport in May 2016 to discuss the project and open channels of communication.

In addition to consulting with the Federal Aviation Adminsitration (FAA) regarding potential impacts to airports and air resources generally, Project staff will provide these facilities with information about, and the location of, the proposed project prior to the submission of the Preliminary Scoping Statement, in accordance with 16 NYCRR §1000.4(f).



4. Language Access

a. Languages Spoken Other Than English

The Project's preliminary Study Area is within five miles of fourteen five-digit ZIP code postal zones (14013, 14058, 14098, 14103, 14125, 14411, 14416, 14422, 14429, 14442, 14452, 14470, 14470, 14477, and 14571). This buffer is illustrated in Exhibit B2b: Five Mile Buffer – Zip Codes. According to U.S. Census data, languages other than English are not spoken by more than 5,000 people in any of these ZIP code postal zones. See Exhibit C: U.S. Census Languages Spoken at Home for detailed census data.

b. Translation and Communication

Due to the fact that English is spoken in the vast majority of households, all Project communication will be conducted in English. If an individual community member requires assistance understanding Project documents or information, efforts will be made to ensure translation is provided as needed.



5. Proposed Implementation Plan

a. Plan for Consultations

i. Methods of Outreach

The Project development team will attend regular meetings of host municipalities, as identified in Exhibit A: Stakeholder Register, to keep local leaders informed and updated on development of the Project.

These meetings will offer local stakeholders the opportunity to ask specific questions and advise the Project on emerging issues in the community. It will also give local leaders the chance to share feedback with the Project as it is developed. These meetings will be scheduled over the phone, in person, or via email.

Project staff will also be available to answer questions from stakeholders throughout the development process via the contact information detailed in section 5(b)(iii) Outreach Contacts.

ii. Schedule of Consultations (dates, times, locations)

The schedule of consultations will be set based on the availability and interest of local stakeholders. Whenever possible, these consultations will take place at a location that is convenient to the stakeholder. Consultations will be scheduled in conjunction with the following Project milestones:

Goal	Proposed Schedule
Introduce the project to stakeholders.	April 2016 to present
Inform all initially identified stakeholders via mail about the Project and where to find information regarding it. For purposes of initial public outreach, direct mailings will be sent to all landowners in the Town of Barre (ie, the Project Boundary).	Concurrent with submittal of final Public Involvement Program
Provide information about the project, the development process, and how siting is done and to solicit information and feedback from stakeholders, particularly regarding studies, methodologies and study scopes, project location, design, and potential avoidance and mitigation measures.	Prior to submittal of Preliminary Scoping Statement
Provide information to update stakeholders on project plans, review of the Article 10 permitting process, and available avenues for stakehoders to answer questions.	Approximately one month prior to submittal of Application
Provide information to update stakeholders on the project plans, review the Article 10 permitting process, and available avenues for stakehoders to answer questions.	Approximately one month after submittal of Application



iii. Outreach Contacts

Outreach to Project stakeholders will be conducted by Project Developer Ben Yazman and other the Project team members. The phone number listed below will be answered during business hours when possible and will accept messages after business hours.

Contact information:

Ben Yazman info@heritagewindpower.com (585) 563-5137 310 4th Street NE, Suite 200 Charlottesville, VA 22902

Additionally, the Project will establish a local office with posted office hours. The Project is currently assessing potential office locations in and around the Study Area. Once established, the office address and public hours will be posted to the Project website and announced via notice to Project repositories.

iv. Desired Goal of Consultations with Identified Stakeholders

To update stakeholders with information about the project as it develops, to seek their input through the application process, to identify local stakeholders and interests, and to ensure availability of information to interested parties.

v. Measuring Success

The goal of each consultation will be to make sure stakeholders are informed about the Project, to answer any questions they may have, and to gather information that may improve the Project. Consultation will be deemed successful if the information described in section 5(a)(ii) Schedule of Consultations is provided to stakeholders, information is gathered to help advance the Public Involvement Plan ("PIP") process and preparation of the Application, stakeholder consultation enables the Project sponsors to identify local interests and issues of concern, and follow-up meetings or consultations are scheduled.

b. Project Office

The Project intends to open an office as close to the center of the Barre community as practical. Due to the fact that Barre's community is spread across farmland, the only available commercial real estate will likely be in towns or villages neighboring the Study Area, such as Albion or Medina. The Project will communicate the opening of the Project office via the Project website and direct mailing to the Barre Town Board and the Orleans County Legislature.



6. Tracking Public Involvement Program Activities

Heritage Wind will work with an online database tool to collect, monitor, and respond to public feedback. This database platform is integrated into the Heritage Wind website, making it possible to leverage social media, text messaging, and email to increase public involvement. Because not all stakeholders will be online, they will also be provided with opportunities to comment via mail, in-person meetings, and phone. In those cases, the written data will be entered into our online system manually by Heritage Wind staff.

a. Plan for Maintaining and Sharing Monthly Feedback Tracking Report

On a monthly basis, the Project will provide two kinds of updated tracking reports for posting in the Project case file and on our Project website and will submit it to the docket site.

The first report will list meetings and events that have taken place since the last tracking report was submitted, as well as an updated list of upcoming or planned meetings and events. An example of this report can be found in Exhibit D: Heritage Wind Outreach Log.

The second report will share all of the feedback we have received from stakeholders and the public since the previous tracking report was submitted. Public feedback will receive a response within five business days, or, if a full response is not possible at that time, they will receive a message to let them know when they can expect a full response.

These reports will be submitted on a monthly basis for posting in the Project case file and will be posted on the Project website.

b. Website

Description

The Project website is www.heritagewindpower.com. The website is currently active and is used to communicate relevant information about the project's development. The website will be updated on a regular basis.

Information that is (or will be) on the website includes:

- Project description
- Project benefits and need
- Summary of permitting requirements
- Links to the Siting Board Article 10 Public Information Coordinator, the Siting Board home page, how to become a party or join the service list, and case-specific documents



- Information on the Article 10 process
- Summary of the Intervenor Funding process and how to apply
- Project layout figures and photo simulations/renderings (when available)
- Project contact information, including email address and toll free telephone number
- Copies of Article 10 and related licensing documents
- A schedule that lists dates/times/locations for outreach events and key milestone dates, such as when the application will be filed
- Addresses of local document repositories
- Public outreach materials, including fact sheets and handouts



7. Public Consultations, Outreach, and Activities to Encourage Participation

a. Outreach Activities

The following outreach activities, or similar activities, may be implemented prior to submittal of application:

Local Office/Office Hours

- Regularly scheduled office hours, during which a Heritage Wind staff member is
 present to respond to questions about the Project, accept feedback, and share
 information with the public. Office hours will be posted once the project office is
 established.
- Project-related informational materials will be available at the office during staffed hours.
- Feedback forms and a computer terminal will be be made available during office hours to help those without access to a computer explore the Project website.

ii. Dissemination of Preliminary Scoping Statement

- The PSS will be provided to state and municipal agencies, state and local officials, and local libraries.
- The PSS will be posted on the Project's website.
- A notice containing a summary of the PSS submission will be posted in newspapers, such as the *Batavia Daily News*, the *Orleans Hub*, and the *Lake Country Pennysaver*.
- Paper copies of the statement will be available with feedback cards at local office.

iii. Intervenor Fee

• Information about the intervenor process is available at www.heritagewindpower.com.

All projects must pay \$350 per MW of generating capacity into the fund, up to \$200,000, during the Pre-Application Stage. Funds will be awarded to municipalities and local parties on an equitable basis, when it is determined that the funds will to be used to contribute to a complete record leading to an informed decision as to the appropriateness of the site and the facility, and will facilitate broad participation in the proceeding. Half of the Intervenor Funds must be available for municipal parties and half to local parties to hire expert witnesses, consultants, or lawyers.



iv. Additional Public Events

Project staff will announce all project-sponsored public events through the project website at www.heritagewindpower.com/calendar. These will likely include:

- 1. Office open houses: A series of events to invite people to the Heritage Wind office space and introduce local contacts to Project staff. Notification of open houses will be made at least 14 days prior to the events, which will be held at different times of day to allow for those working various hours to attend. Those unable to attend open houses will be invited to reach out to Project staff directly or to come by the office during regularly scheduled hours once they are established.
- 2. Information sessions to educate the community on wind energy and the Project. Topics may include:
 - a) Introduction to www.heritagewindpower.com and instructions on how to give online feedback.
 - b) Turbine Technology: This session would include the basics of how a wind turbine works, a synopsis of changes over the past 15 years, a list of some projects and turbine types, and then a review of the specifications of current models.
 - c) The Grid: How the grid works and how power is purchased.
 - d) Wind/Meteorology: How we measure the wind, why some locations are better than others, and how this information contributes to siting.
 - e) Studies, Impacts, and Mitigation: This session would explain the studies that we will be performing, what they will show us, and how we will make modifications to accommodate the results.
 - f) Siting: An interactive session that informs the public on what considerations go into siting wind turbines.
 - g) Construction and Operations: A presentation about what the community will see during construction and after construction is complete. This session will feature pictures and visual aids to help the public understand what to expect from construction and operations.
- 3. Sponsorship or attendance at local public events, identified during the outreach and permitting process.

At this time, the Project expects to submit its Preliminary Scoping Statement in February 2017. Thereafter, the time frame for filing the Application will depend on the public comments received in response to the PSS, stakeholder discussions about study scope and methodology, completion of study work in furtherance of the Application, and potential negotiation of Stipulations between parties. Heritage Wind intends to provide informal notice of the impending Application filing to residents in the Project and Study Area 7 to 14 days prior to making this filing, in addition to complying with formal notice requirements set forth in the regulations. Around the time the



Application is filed, another public information session(s) is anticipated. Information about opportunities to participate in project development, to provide input to developers and regulators, and to learn more about the Article 10 permitting process will be made available and updated regularly on the Project website and by Project staff.

b. Activities to Promote Participation in Certification

i. Goals

- Ensure that interested stakeholders and members of the public are aware of certification process and how they can participate.
- Ensure that interested stakeholders and members of the public are informed of all relevant dates and deadlines for participation in the certification process.
- Engage in stakeholder consultations in order to listen to and collect stakeholder input as discussed more fully in Section 5.

ii. Methodology for Disseminating This Information

Information about the certification process, participation opportunities, and dates and deadlines for participation will be disseminated according to the Dissemination Plan for Event Information described below.

iii. Measuring Success

This effort will be deemed successful if all interested parties have access to information about the certification process, opportunities to participate and provide feedback on the Project, and dates and deadlines for participation.

iv. Schedule

Notifications of opportunities to participate in the certification process will be posted as required by statute.

c. Activities to Promote Participation in Compliance

i. Goals

- Ensure that interested stakeholders and members of the public are aware of compliance process and how they can participate.
- Listen to and collect stakeholder input on the project.
- Ensure that interested stakeholders and members of the public are informed of all relevant dates and deadlines for participation in the compliance process.

ii. Methodology for Disseminating This Information

Information about the compliance process, participation opportunities, and dates and deadlines for participation will be disseminated according to the Dissemination Plan for Event Information described below.



iii. Measuring Success

This effort will be successful if all interested parties have access to information about the compliance process and Heritage Wind's complaint resolution and emergency response plans for the construction and operation stages, as well as opportunities to participate and provide feedback on the Project following Certification and throughout operation.

Notifications of opportunities to participate in the compliance process will be posted as required by statute.

d. Dissemination Plan for Event Information

The Project will seek to post all public events and meetings on www.heritagewindpower.com whenever possible. The Project will also strive to have Project events included in the event calendars of the local newspapers listed below. In many cases, the Project also advertise upcoming meetings in these newspapers. The Project will follow the Town of Barre in the use of the Batavia Daily News as the newspaper of record for project announcements.

Additionally, such announcements will be provided to the town and county should they choose to include them on their event calendars.

Batavia Daily News	http://www.thedailynewsonline.com/
Orleans Hub	http://www.orleanshub.com/
Lake Country Pennysaver	http://www.lakecountrypennysaver.com

e. Educational Materials to Educate the Public About the Project

Public information about the project will be provided in many formats. These will include:

- One-page informational sheets about common wind energy topics, wind energy in New York, and the Heritage Wind project. Please see Exhibit E: Project Information Sheets for samples.
- Regularly updated website, featuring news and blogs (www.heritagewindpower.com).
- Short videos about Apex Clean Energy and our work with landowners (also available online at www.heritagewindpower.com).
- Large-format informational boards to be displayed at community events and Project open houses.

f. Educational Materials for Article 10, the Public Involvement Plan, and Intervenor Funding

The Project will also provide materials describing the Article 10 process, the Public Involvement Plan, and the Intervenor Funding Process. These materials will include:



- Informational sheets describing each of the items above and specifying how the public can get involved with these processes. Please see Exhibit F: Article 10 Educational Materials for a sample.
- A dedicated page on the Project website (<u>www.heritagewindpower.com/article 10</u>)
 describing each of the items above and specifying how the public can get involved with
 these processes.
- Descriptions of each of the items above, including how the public can get involved with these processes, presented at public meetings.

g. Notifications

Notifications will be provided for upcoming public meetings and forthcoming opportunities to comment or present feedback. Notices will be issued:

- According to regulations and guidelines of the Article 10 process
- Via email to all individuals who have provided an email address to us for this purpose*
- In local newspapers whenever practical
- On our website (in the blog or events section or on the home page)
- Occasionally via direct mail to those who have given us their mailing addresses for this purpose*

*The project website gives visitors the option to select text, email, and/or mail notifications.

i. Content of Notices

Notices will vary, depending on their purpose and medium. However, the following items will be included in every notice issued:

- Purpose of event or deadline
- Relevant date or deadline
- Location (if applicable)
- Time (if applicable)
- Phone number for more information
- Brief description (if possible to include)
- Website where additional information will be available (if possible to include)

ii. Who Will Receive Notices

Notices will be sent to anyone who chooses to participate in the Project's email program by providing their email address to us via the project website. Public notices will also be available in local newspapers and on the website whenever practical.



iii. Publications and Media Outlets for Notifications

Batavia Daily News	http://www.thedailynewsonline.com/	
Orleans Hub	http://www.orleanshub.com/	
Lake Country Pennysaver	http://www.lakecountrypennysaver.com	

iv. Languages of Notifications

Notifications will be posted in English, because there are few non-English speakers in the Study Area.

v. Local Document Repositories

Document repositories will be established to ensure the public has access to Project documents and information. Updates will be provided to respositories as additional information is available.

Once a project office is established, it will also serve as a document repository. The project is currently working to establish document repositories at the following locations:

Barre Town Hall 14317 West Barre Road Albion, NY 14411

Lee-Whedon Memorial Library 620 West Ave. Medina, NY 14103 Haxton Memorial Library 3 North Pearl Street Oakfield, NY 14125 Holley Community Free Library 86 Public Square Holley, NY 14470



8. Required Agency/Municipal Pre-Application Consultations

The Project will be reaching out to agency stakeholders via official channels as required by project study scopes, which are yet to be defined.

A detailed discussion of municipal pre-application consultations is included at Section 3(a)(ix), above.

Please see Exhibit A: Stakeholder Register for a detailed listing of stakeholders.



9. Conclusion

The final version of this document is submitted in accordance with 16 NYCRR § 1000.4. Copies are expected to be filed on the NYDPS website (www.dps.ny.gov) and the project website (www.heritagewindpower.com) and at all document repositories as they are established.

For current information, please contact a Project team member by phone at (585) 563-5137 or by email at info@heritagewindpower.com.



Exhibit A: Stakeholder Register

Federal Stakeholders

Sandra Mendel, President

Friends of Iroquois National Wildlife Refuge

1101 Casey Road Basom, NY 14013 iroquois@fws.gov

Karl Nebbia, Office of Spectrum Management National Telecommunications and Information

Administration

1401 Constitution Avenue, N.W.

Washington D.C. 20230

Tonowanda Seneca Nation

385 Bloomingdale Road Akron, NY 14001

Steven Metivier, Chief, NY Application Evaluation Section

United States Army Corps of Engineers

1776 Niagara Street Buffalo, NY 14207

Steven Sample, Mission Evaluation Branch

United States Department of Defense Siting Clearing House

3400 Defense Pentagon, Room 5C646 Washington D.C.20301

www.defense.gov

David Stilwell, Field Supervisor

United States Department of Fish and Wildlife

3817 Luker Road Cortland, NY 13045 www.fws.gov

1 Aviation Plaza

Carmine Gallo, Administrator

Jamaica, NY 11434 www.faa.gov

LaFleur, Cheryl A., Commissioner

United States Federal Energy Regulatory Commission

United States Federal Aviation Administration

888 First Street, N.E. Washington, D.C. 20426

Chris Collins, Representative, 27th District

United States House of Representatives

1117 Longworth House Office Building

Washington, D.C. 20515

https://chriscollins.house.gov/contact

Charles E. Schumer, Senator

United States Senate

15 henry Street, Room 100 AF

Rochester, NY 14614

https://www.schumer.senate.gov/contact/email-chuck

Kirsten E. Gillibrand, Senator

United States Senate

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Rochester, NY 14614

https://www.gillibrand.senate.gov/contact/

New York State Agencies

Christopher Schoepflin, Western NY Regional Director

Empire State Development Corporation

400 Andrews Street-Suite 300

Rochester, NY 14604

www.esd.ny.gov

Kathleen Burgess, Secretary

New York State Department of Public Service

Agency Building 3, Empire State Plaza

Albany, NY 12223

www.dps.ny.gov

Michael Bemis, Board Chair

New York Independent Systems Operator

10 Krev Boulevard Rensselaer, NY 12144

www.nyiso.com

Stephen Hawley, Assemblyman

New York State Assembly

121 N. Main St, Suite 100

Albion, NY 14411

HawleyS@nyassembly.gov

Eric T. Schneiderman, Attorney General

New York State Attorney General

Office of the Attorney General, Capitol Building

Albany, NY 12224

www.ag.ny.gov

Richard Ball, Commissioner

New York State Department of Agriculture and Markets

10B Airline Drive Albany, NY 12235

www.agriculture.ny.gov

Basil Seggos, Commissioner

New York State Department of Environmental Conservation

625 Broadway Albany, NY 12233

www.public@dec.ny.gov

Paul D'Amato, Region & Regional Director

New York State Department of Environmental Conservation, Region 8

6274 E. Avon-Lima Road Avon, NY 14414

www.public@dec.ny.gov

Howard Zucker, M.D., Commissioner

New York State Department of Health

Corning Tower Albany, NY 12233 dohweb@health.ny.gov

Rossana Rosada, Secretary of State

New York State Department of State

One Commerce Plaza, 99 Washington Ave

Albany, NY 12231 www.dos.ny.gov

Kevin Bush, Region 4 Regional Director

New York State Department of Transportation

50 Wolf Road Albany, NY 12232 www.dot.ny.gov John P. Mellville, Commissioner

New York State Division of Homeland Security and

Emergency Services

State Campus, Building 7A, Suite 710

Albany, NY 12242 www.dhses.ny.gov

Kelley Tyler, Buffalo Office Program Manager

New York State Energy Research and Development Authority

26 Exchange Street, Ste. 821

Buffalo, NY 14210

info@nyserda.ny.gov

Ruth Pierpont, Deputy Commissioner

New York State Office of Parks, Recreation and Historic

Preservation 625 Broadway Albany, NY 12207

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Robert Ortt, State Senator

New York State Senate 175 Walnut St, Suite 6 Lockport, NY 14094

Ortt@nysenate.gov

Host Municipality Stakeholders

Mark Chamberlain, Supervisor

Barre Town Board 14317 West Barre Road Albion, NY 14411

barresup@rochester.rr.com

Richard Bennett, Councilman

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www.townofbarreny.com

Larry Gaylard, Councilman

Barre Town Board 14317 West Barre Rd Albion, NY 14411

www.townofbarreny.com

Lynne Hill, Councilman Barre Town Board 14317 West Barre Rd Albion, NY 14411 www.townofbarreny.com Thomas McCabe

Barre Town Board

14317 West Barre Rd

Albion, NY 14411

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Don Allport, Legislator
Orleans County Legislature

3 South Main Street Albion, NY 14411

Donald.Allport@orleansny.com

David Callard, Chairman

Orleans County Legislature

3 South Main Street Albion, NY 14411

David.Callard@orleansny.com

E. John DeFillips, Legislator Orleans County Legislature

3 South Main Street Albion, NY 14411

John.DeFilipps@orleansny.com

Kenneth DeRoller, Legislator Orleans County Legislature 3 South Main Street Albion, NY 14411

Ken.DeRoller@orleansny.com

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Lynne.Johnson@orleansny.com

Fred Miller, Minority Leader Orleans County Legislature 3 South Main Street Albion, NY 14411 Fred.Miller@orleansny.com

Charles H. Nesbitt, Jr., Chief Administrative Officer **Orleans County** 3 South Main Street Albion, NY 14411 cnesbitt@orleansny.com

Maureen Beach, Town Clerk Town of Barre 14317 West Barre Rd Albion, NY 14411 barreas@rochester.rr.com

Karen Lake-Maynard, County Clerk Orleans County Clerk 3 South Main Street, Suite 1 Courthouse Square Albion, New York 14411 585-589-5334

Karen.Lake-Maynard@orleansny.com

Adjacent Municipality Stakeholders

Dan Mangino, Supervisor Town of Alabama 2218 Judge Road Oakfield New York 14125

Rebecca Borkholder, Town Clerk

Town of Alabama 2218 Judge Road Oakfield New York 14125 585-948-9341 alabamaclerk@rochester.rr.com

Matthew Passarell, Supervisor

Town of Albion 3665 Clarendon Rd Albion, NY 14411 supervisor@townofalbion.com

Sarah M Basinait, Town Clerk

Town of Albion 3665 Clarendon Rd Albion, NY 14411 (585) 589-7048

townclerk@townofalbion.com

Dean London, Mayor Village of Albion 35 East Bank St Albion, NY 14411 dlondon@villageofalbionny.com Linda Babcock, Clerk Village of Albion 35 East Bank st Albion, NY 14411 (585) 589-9176 lbabcockclerk@villageofalbionny.com

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Town of Byron P.O. Box 9 7028 Byron Holley Rd. Byron, NY 14422 supervior@byronny.com

Debra Buck-Leaton, Clerk

Town of Byron P.O. Box 9 7028 Byron Holley Rd. Byron, NY 14422 (585) 548-7123 townclerk@byronny.com

Richard Moy, Supervisor Town of Clarendon PO Box 145

Clarendon, NY 14429 www.townofclarendon.org Susan C Colby, Town Clerk

Town of Clarendon

PO Box 145 Clarendon, NY 14429

(585) 638-6371 ext. 100 tctc@rochester.rr.com

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Town of Elba

7 Maple Avenue PO Box 295 Elba, NY 14058

supervisor@elbanewyork.com

Debra Mosier, Town Clerk

Town of Elba

7 Maple Avenue P.O. Box 295 Elba, NY 14058 (585) 757-2762 ext. 4

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Scott Schuler, Mayor

Village of Elba

4 S. Main Street PO Box 55 Elba, NY 14058

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Village of Elba

4 S. Main Street PO Box 55 Elba, NY 14058 (585) 757-6889 villageclerk@elbanewyork.com

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Town of Gaines

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Town of Gaines

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Brian Sorochty, Mayor

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72 Public Square Holley, NY 14470

www.villageofholley.org

Deborah Schiavone, Clerk

Village of Holley

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clerk@villageofholley.org

John Morriss, Supervisor

Town of Murray

3840 Fancher Road Holley, NY 14470 585-638-6570

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Cindy Oliver, Clerk

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Carol Glor, Supervisor

Town of Oakfield

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Town of Oakfield

3219 Drake Street Oakfield, NY 14125

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Jason Armbrewster, Mayor

Village of Oakfield

37 Main Street Oakfield, NY 14125

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Jason Armbrewster, Clerk

Village of Oakfield

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merledraper@townofshelby.com

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Clerk treasurer@villagemedina.com

Darlene Rich, Town Clerk
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(585) 798-3120 et. 301

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Michael T. Cianfrini, County Clerk Genessee County Clerk's Office County Building I 15 Main Street Batavia, New York 14020 (585) 815-7802

coclerk@co.genesee.ny.us

Potentially Interested Organizations and Other Stakeholders

Michael Bonnewell, Superintendent of Schools

Albion Central School District

324 East Avenue Albion, NY 14411 mbonnewell@albionk12.org

Albion Rod and Gun Club

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Charles Nesbitt, President **Albion Rotary Club** Albion, NY 14411

http://portal.clubrunner.ca/311

Barbara Tipton, Reverend
Barre Center Presbyterian Church

4706 Oak Orchard Rd Albion, NY 14411

Karl Driesel, President Barre Fire Department 5124 Oak Orchard Road Albion, NY 14411

Adrienne Daniels, Historian Barre Town Hall

14317 West Barre Road Albion, NY 14411 Tom Keeler, Planning Board Co-Chair Barre Planning Board

14317 West Barre Road Albion, NY 14411

Wes Miller, Planning Board Co-Chair

Barre Planning Board 14317 West Barre Road Albion, NY 14411

Dale Laubacher, Zoning Board Member

Barre Zoning Board 14317 West Barre Rd Albion, NY 14411

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Clarendon hs@yahoo.com

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Earl Roth, President

Elba Historical Society

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Tim Hens, Superintendent

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Jason A. Smith, Superintendent

Lyndonville Central School District

77 Housel Ave Lyndonville, NY 14098 (585) 765-3101 Jeffery Evoy, Superintendent of Schools

Medina Central School District

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Marc Boies, Flight Operations

Mercy Flight of Western New York

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Eisenbeck, Buffalo/Niagara Regional Director

National Grid

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Oakfield-Alabama Central School District

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Brook Pontillo, President

Orleans County Chamber of Commerce

PO Box 501 Medina, NY 14103 www.orleanschamber.com

H. Dale Banker, Director

Orleans County Emergency Management Office

14064 County House Road Albion, NY 14411

Gerald R. Gray, Superintendent

Orleans County Highway Department

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Woody Baker, President

Orleans County Historical Association

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OCPublicehealth@orleanscountyny.gov

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Albion, NY 14411

Dennis Kirby, Manager

Orleans County Soil and Water

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dennis.kirby@ny.nacdnet.net

James Whipple, CEO/CFO

Orleans Economic Development Agency

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Amanda Flansburg

Orleans Farm Bureau

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Laura Kammermeier, President

Rochester Birding Association

510 Lake Road Webster, NY 14580

www.rochesterbirding.com

Pamela Hughes, Chairperson

Sierra Club Niagara Group-Western NY

120 Plymouth Avenue North Rochester, NY 14608

www.niagarasierraclub.com

Taylor Daughton, Director & Curator

The Cobblestone Museum

14389 Ridge Road West

Albion, NY 14411

www.cobblestonemuseum.org

David Klein, Senior Field Representative

The Nature Conservancy

4245 North Fairfax Road, Suite 100 Arlington VA 22203

www.nature.org

Jillian Liner, President

The New York Audubon Society

2 Third Street, Suite 480

Troy, NY 12180

www.ny.audubon.org

Eugene Haines, Owner

The Pine Hill Airport

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Albion, NY 14411

www.vintageaircraftgroup.org

Larry Williford, Pastor

West Barre United Methodist Church

5377 Eagle Harbor Road

Albion, NY 14411

Joe Eicheldinger, President, Board of Directors

The Western Erie Canal Alliance (Western Erie Canal

Heritage Corridor)

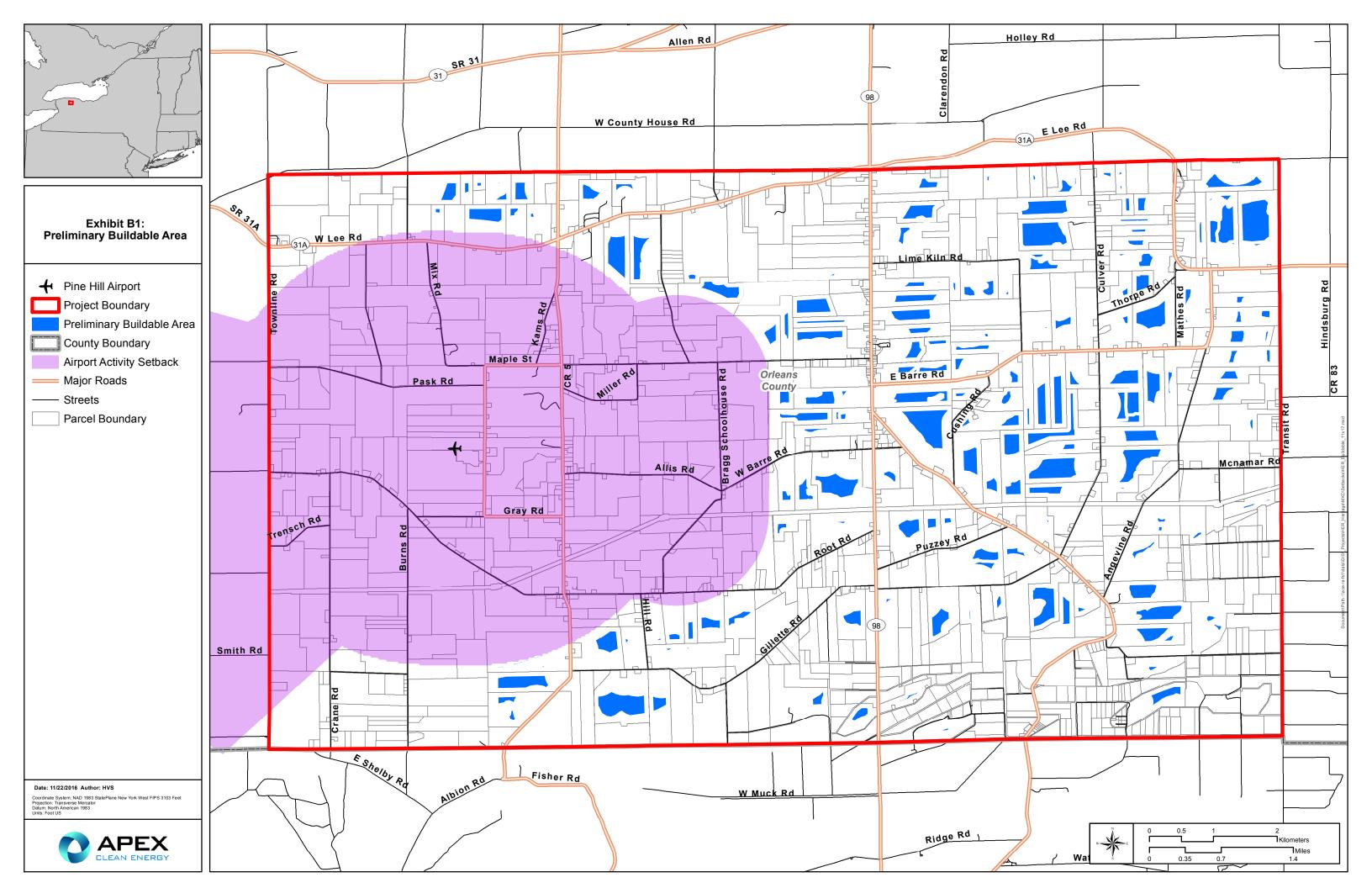
www.westerneriecanal.com

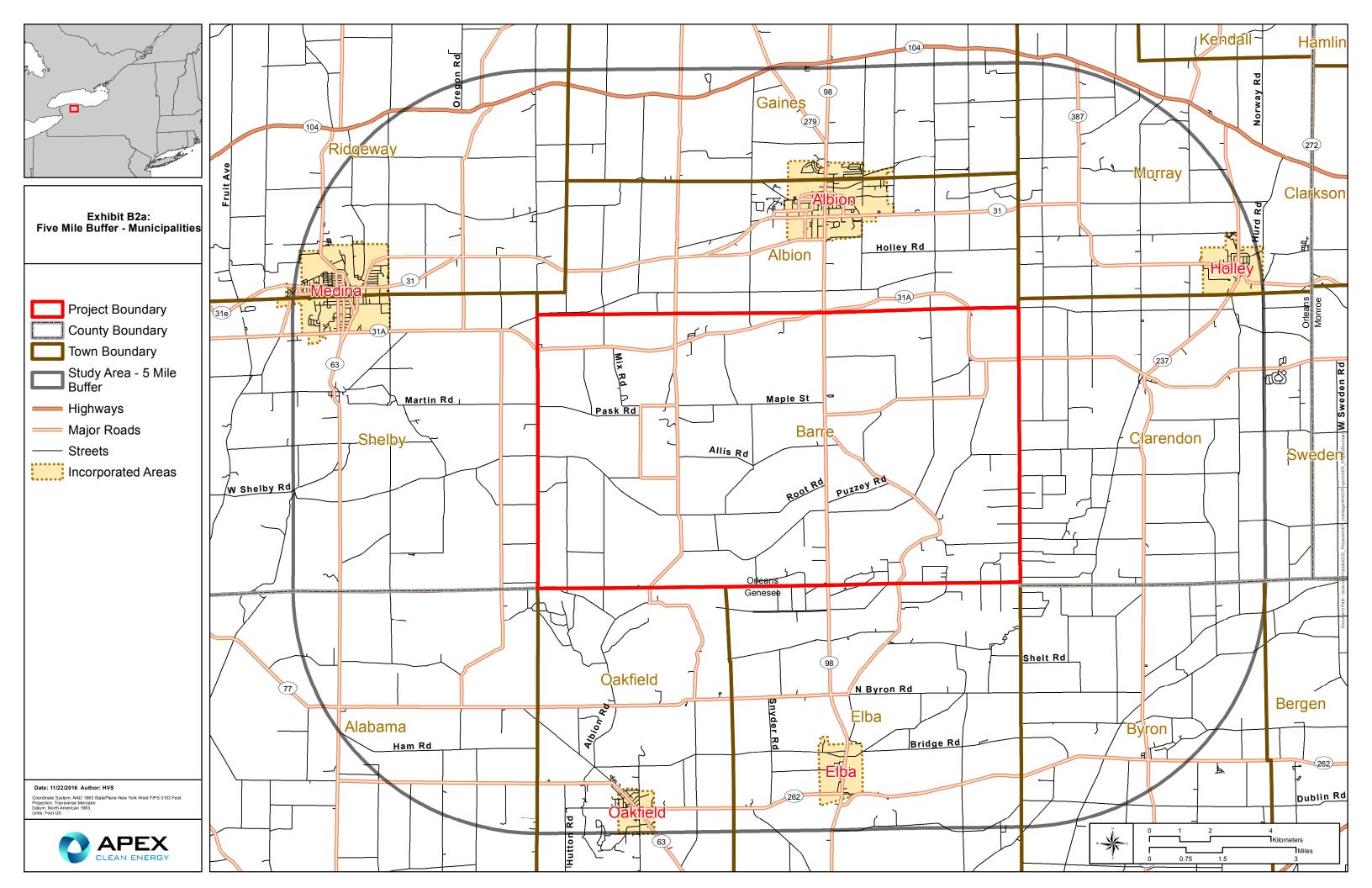
Tim Allen, Owner

Western New York Skydiving

4906 Pine Hill Road

Albion, NY 14411 http://www.wnyskydiving.com/ **Exhibit B: Maps and Figures**





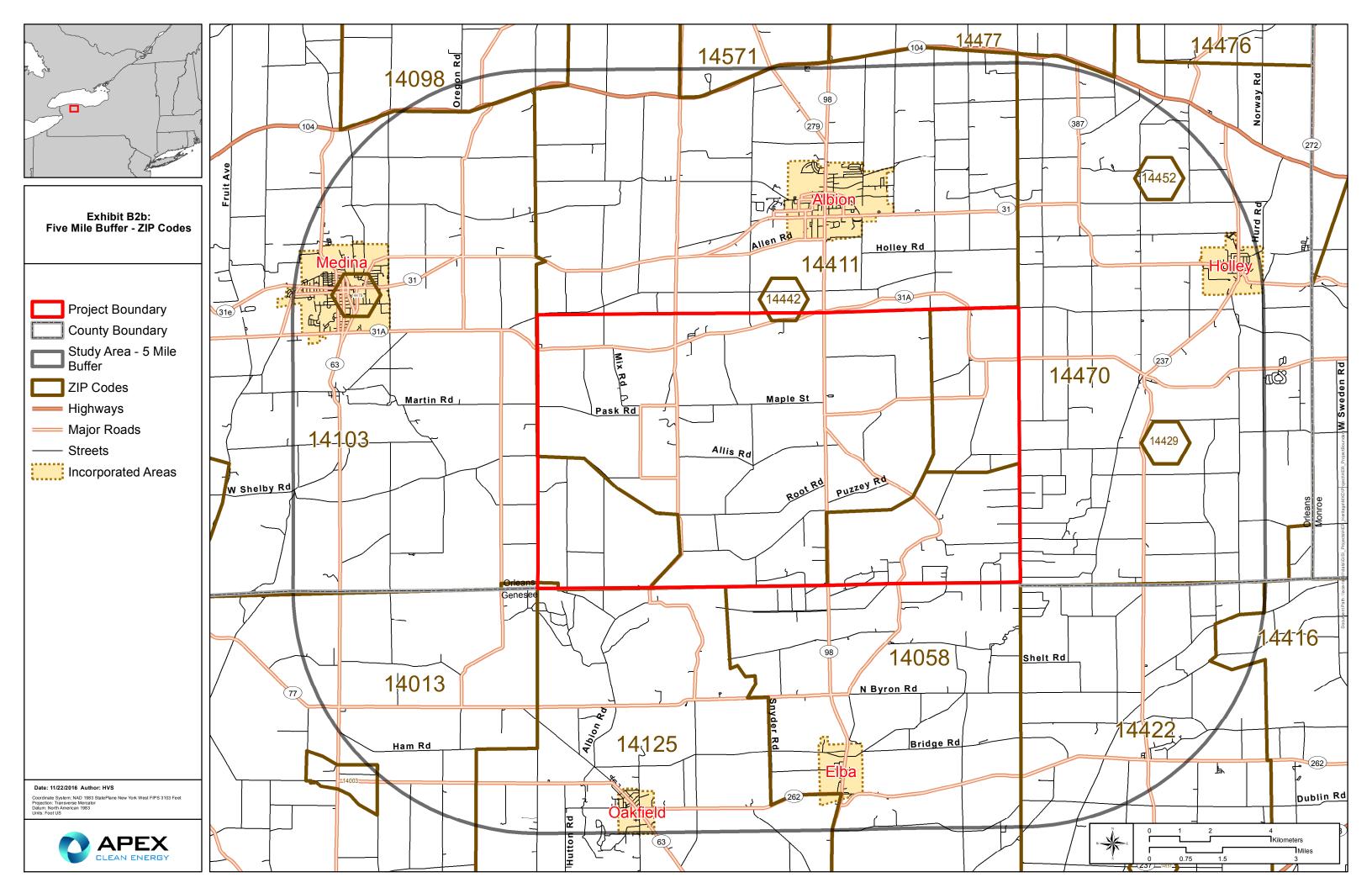




Exhibit B3: Project Aerial View

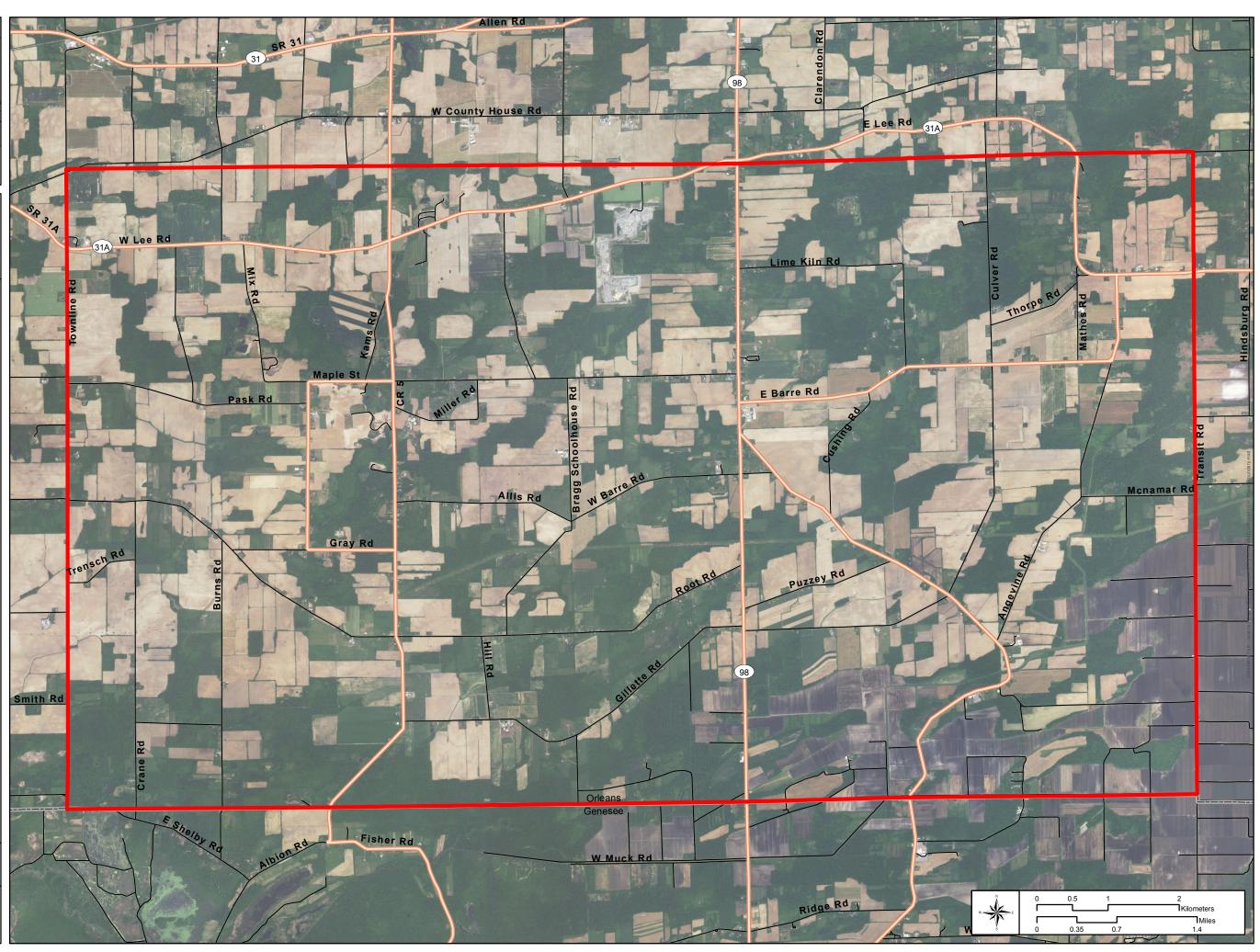
Project Boundary
County Boundary
Major Roads
Streets

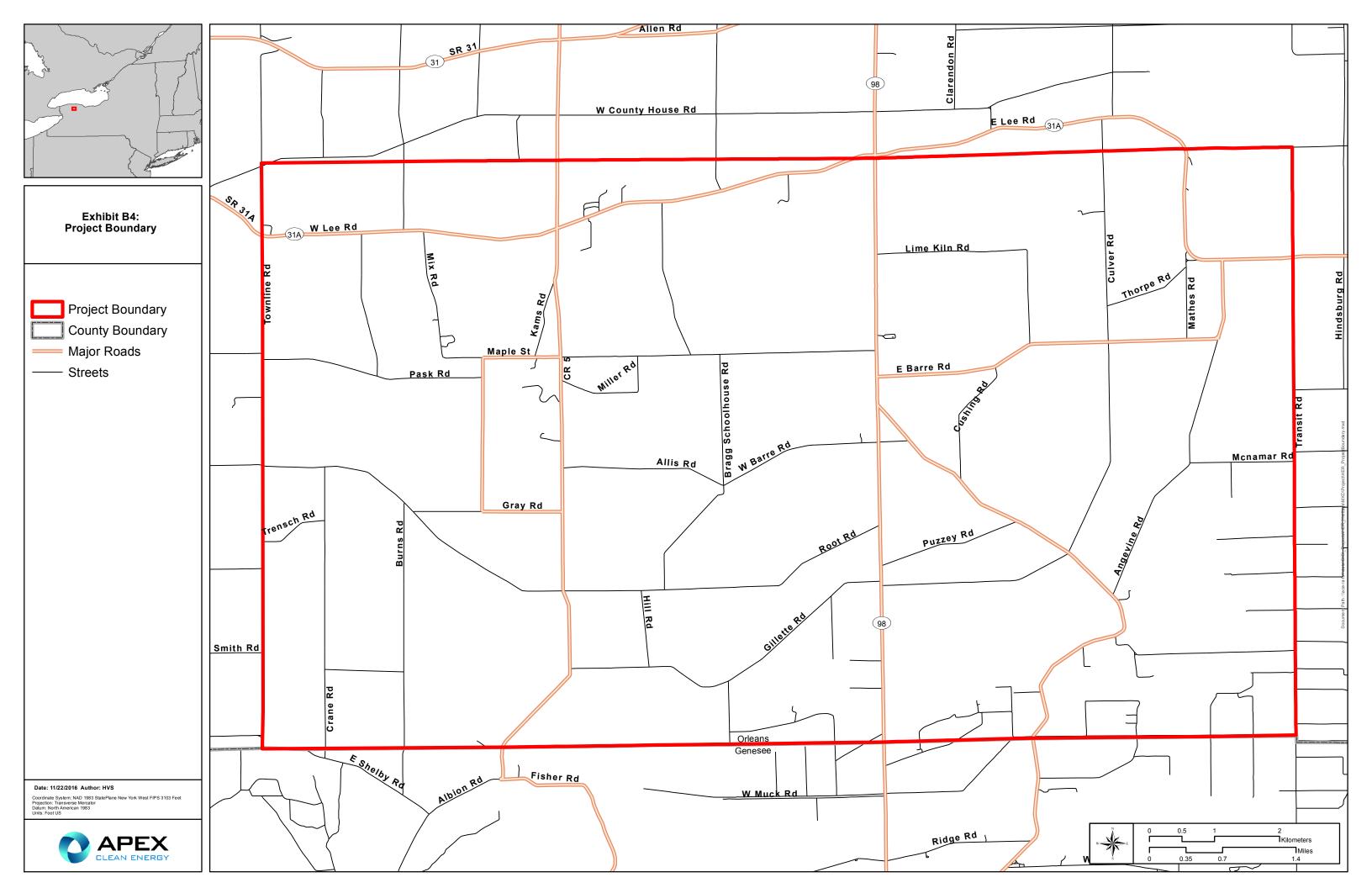
Date: 11/22/2016 Author: HVS

Coordinate System: NAD 1983 StatePlane New Yo

Coordinate System: NAD 1983 StatePlane New York West FIPS 3103 Feet Projection: Transverse Mercator Datum: North American 1983







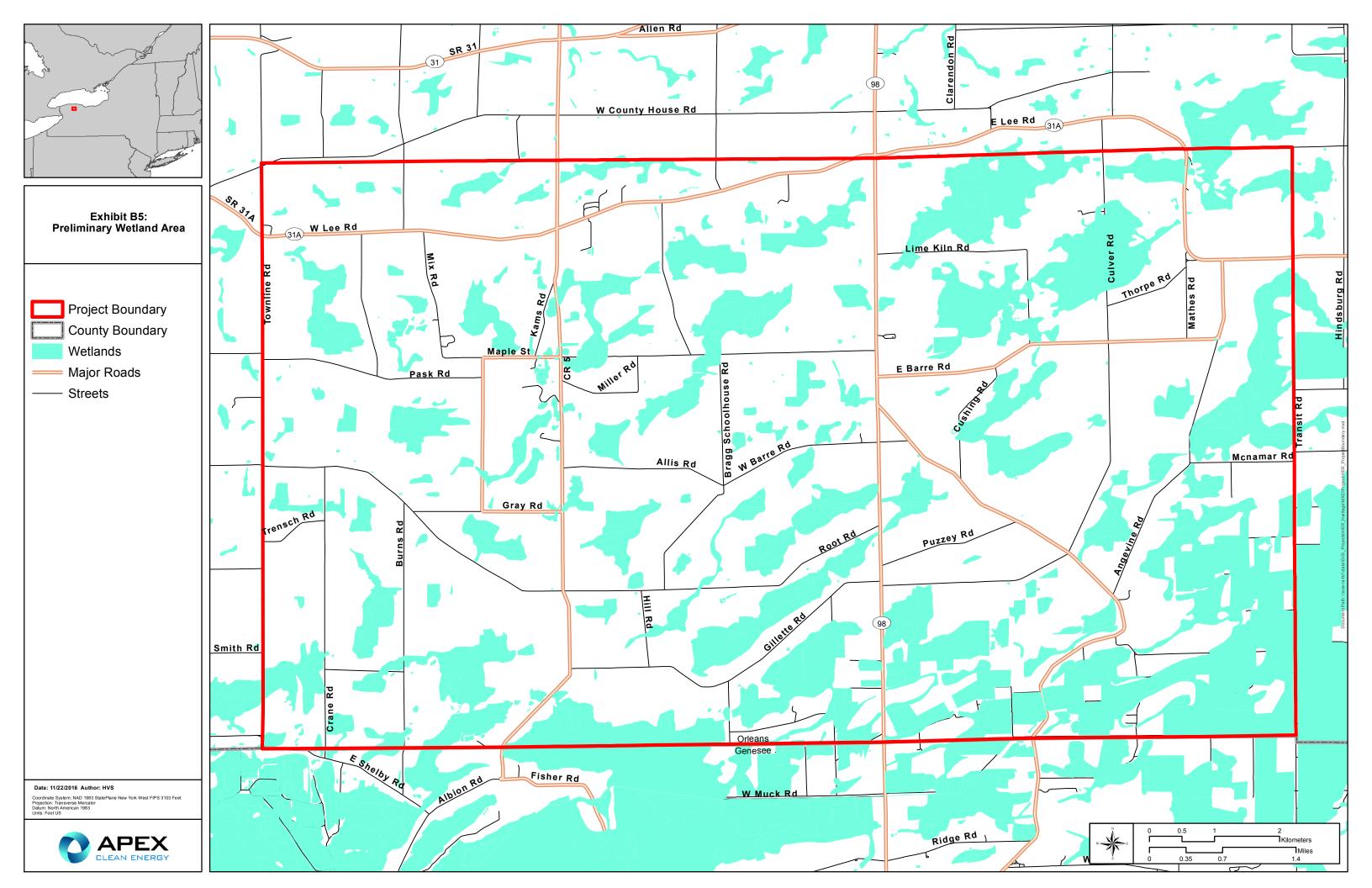


Exhibit C: U.S. Census Language Spoken at Home

Α	В	С	D	Е	F	G	Н	I	J	K	L	M	N	0	Р	Q	R	S	Т	U	V	W	X	Υ	Z

1 B16001: LANGUAGE SPOKEN AT HOME BY ABILITY TO SPEAK ENGLISH FOR THE POPULATION 5 YEARS AND OVER - Universe: Population 5 years and over 2010-2014 American Community Survey 5-Year Estimates 3 Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Data and Documentation section. 4 Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

Total:	imate	Margin of Error -262 -261 -16 -11 -16 -11 -11 -	2,208 89	Margin of Error +/-217 +/-234 +/-81 +/-22 +/-74 +/-12 +/-11	1,345 10 9 1 7 7 7 0 0 0 0 0 0 0 0 1 1 0 0 1 1 0 0 0 0	Margin of Error +/-313 +/-311 +/-15 +/-15 +/-2	0 0 19 0 19 0 0 0 0	Margin of Error +/-538 +/-558 +/-558 +/-21 +/-6 +/-20 +/-34 +/-34 +/-16	ZCTA5 14094 Estimate 47,608 45,717 876 576 300 118 118 0 0 0 0 165 158 7 0 0 0 172 147 25 4 2 2 2 0 0 0 0 30 30 30 0 16	Margin of Error +/-806 +/-906 +/-305 +/-225 +/-169 +/-75 +/-75 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-23 +/-6 +/-4 +/-4 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27	ZCTA5 14098 Estimate 2,934 2,637 41 30 11 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+/-218 +/-260 +/-66 +/-53 +/-16 +/-9 +/-11	248 104 15 15 0 0 0 0 20 16 4 4 0 0 0 0 0 6 0 6 0 6 0	Margin of Error	3,861 75 69 6 3 0 3 0 0 0 0 0 0 0 0 0 10 4 6 13 13 0 6	Margin of Error +/-362 +/-342 +/-66	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Margin of Error +/-521 +/-517 +/-17 +/-17 +/-16 +/-17 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-17 +/-17 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-17 +/-17 +/-17	685 0 0 0 0 0 0 0 0	Margin of Error +/-245 +/-245 +/-11	12,515 822 629 193 43 43 0 6 6 0 30 30 30 0 0 0 0 0 0 45 45	Margin of Error +/-423 +/-457 1 +/-235 -/-217 +/-122 +/-54 +/-54 +/-18 +/-9 +/-9 +/-18 +/-35 1 +/-18 -/-18 -/-18 -/-18 -/-18 -/-18 -/-18 -/-46 -/-46 -/-46 -/-46 -/-46 -/-46 -/-46 -/-81	Estimate Margi Erro 1,089 +/-227 1,042 +/-232 0 +/-11 0 +/-11 18 +/-27 9 +/-13 9 +/-14 0 +/-11 10 +/-11 11 +/-16 11 +/-16 11 +/-16 11 +/-16 11 +/-11
Speak only English 1,246 Spanish or Spanish Creole: 10 Speak English "very well" 0 Speak English less than "very well" 10 French (incl. Patois, Cajun): 0 Speak English less than "very well" 0 Speak English less than "very well" 0 French (incl. Patois, Cajun): 0 Speak English less than "very well" 0 French Creole: 2 Speak English less than "very well" 0 Italian: 0 Speak English less than "very well" 0 Speak En	+/- +/- +/- +/- +/- +/- +/- +/- +/- +/-	-2622611611	2,208 89 26 63 9 9 0 0 0 0 14 14 14 0 0 0 0 11 5 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+/-217 +/-234 +/-81 +/-22 +/-74 +/-12 +/-11	1,345 10 9 1 7 7 7 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 0 0	+/-313 +/-311 +/-15 +/-15 +/-12 +/-12 +/-12 +/-11 +/-11 +/-11 +/-11 +/-11 +/-11 +/-2 +/-11	5,013 15 3 12 36 36 0 0 0 0 0 19 0 19 0 0 0 0	+/-538 +/-558 +/-21 +/-6 +/-20 +/-34 +/-34 +/-16	45,717 876 576 300 118 118 0 0 0 0 165 158 7 0 0 0	+/-806 +/-906 +/-305 +/-225 +/-169 +/-75 +/-75 +/-75 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-104 +/-100 +/-23 +/-6 +/-4 +/-27 +/-27 +/-27 +/-27 +/-27	2,637 41 30 11 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0	+/-260 +/-66 +/-53 +/-16 +/-9 +/-9 +/-11 +/-11 +/-11 +/-11 +/-11 +/-11 +/-11 +/-78 +/-53 +/-53 +/-11 +/-11 +/-11 +/-11 +/-11	9,377 352 248 104 15 15 0 0 0 0 20 16 4 0 0 0 6 0 0 6 0 0 6	+/-287 +/-392 +/-189 +/-152 +/-99 +/-20 +/-20 +/-18 +/-18 +/-18 +/-18 +/-29 +/-24 +/-9 +/-18 +/-10 +/-	3,861 75 69 6 3 0 3 0 0 0 0 0 0 0 0 0 10 4 6 13 13 0 6	+/-362 +/-342 +/-66 +/-66 +/-66 +/-8 +/-4 +/-11 +/-10 +/-10	5,396 10 10 10 0 9 9 0 0 0 0 0 0 0 0 0 11 11 11 0 8 8 0 0 0 0	+/-521 +/-517 +/-17 +/-17 +/-16 +/-17 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-17 +/-16 +/-17 +/-16 +/-17 +/-17 +/-17 +/-17 +/-16 +/-16 +/-16 +/-16 +/-17 +/-17 +/-16 +/-1	685 0 0 0 0 0 0 0 0	+/-245 +/-245 +/-11	12,515 822 629 193 43 43 0 6 6 0 30 30 30 0 0 0 0 0 0 0 0 0 45 45 0	+/-423 1 +/-457 1 +/-235	1,089
Speak only English 1,246 Spanish or Spanish Creole: 10 Speak English "very well" 0 Speak English less than "very well" 10 French (incl. Patois, Cajun): 0 Speak English less than "very well" 0 Speak English less than "very well" 0 French (incl. Patois, Cajun): 0 Speak English less than "very well" 0 French Creole: 2 Speak English less than "very well" 0 Italian: 0 Speak English less than "very well" 0 Speak En	+/- +/- +/- +/- +/- +/- +/- +/- +/- +/-	-261 -16 -11 -16 -11 -11 -11 -11 -11 -11 -	2,208 89 26 63 9 9 0 0 0 0 14 14 14 0 0 0 0 11 5 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+/-234 +/-81 +/-22 +/-74 +/-12 +/-12 +/-11	1,345 10 9 1 7 7 7 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 0 0	+/-311 +/-15 +/-15 +/-12 +/-12 +/-11 +/-11 +/-11 +/-11 +/-11 +/-11 +/-2 +/-11	5,013 15 3 12 36 36 0 0 0 0 0 19 0 19 0 0 0 0	+/-558 +/-21 +/-6 +/-20 +/-34 +/-34 +/-16	45,717 876 576 300 118 118 0 0 0 0 165 158 7 0 0 0	+/-906 +/-305 +/-225 +/-169 +/-75 +/-75 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-27 +/-104 +/-100 +/-23 +/-6 +/-4 +/-4 +/-27 +/-27 +/-27 +/-27	2,637 41 30 11 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0	+/-260 +/-66 +/-53 +/-16 +/-9 +/-9 +/-11 +/-11 +/-11 +/-11 +/-11 +/-11 +/-11 +/-78 +/-53 +/-53 +/-11 +/-11 +/-11 +/-11 +/-11	9,377 352 248 104 15 15 0 0 0 0 20 16 4 0 0 0 6 0 0 6 0 0 6	+/-392 +/-189 +/-152 +/-99 +/-20 +/-20 +/-18 +/-18 +/-18 +/-18 +/-29 +/-24 +/-9 +/-9 +/-18 +/-18 +/-18 +/-9 +/-18 +/-10 +/-18 +/-10	3,861 75 69 6 3 0 3 0 0 0 0 0 0 0 0 0 10 4 6 13 13 0 6	+/-342 +/-66 +/-66 +/-8 +/-4 +/-11 +/-4 +/-11 +/-10 +/-10	5,396 10 10 10 0 9 9 0 0 0 0 0 0 0 0 0 11 11 11 0 8 8 0 0 0 0	+/-517 +/-17 +/-17 +/-16 +/-17 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-16 +/-17 +/-16 +/-17 +/-16 +/-17 +/-16 +/-17 +/-17 +/-17 +/-17 +/-17 +/-16 +/-17 +/-17 +/-17 +/-16 +/-16 +/-16 +/-17 +/-17 +/-17 +/-16	685 0 0 0 0 0 0 0 0	+/-245 +/-11	12,515 822 629 193 43 43 0 6 6 0 30 30 30 0 0 0 0 0 0 0 0 0 45 45 0	+/-457	1,042
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88 Speak I	English less than "very well"	0 +/-11	0 +/-11	0 +/-11) +/-16	0	+/-27	0 +/-11	(0 +/-18	0	+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
89 Thai:	, ,	0 +/-11	0 +/-11	0 +/-11	+/-16	0	+/-27	0 +/-11	(0 +/-18	0	+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
90 Speak I	English "very well"	0 +/-11	0 +/-11	0 +/-11) +/-16	0	+/-27	0 +/-11	(0 +/-18	0	+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
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92 Laotian:		0 +/-11	0 +/-11	0 +/-11) +/-16	0	+/-27	0 +/-11	(0 +/-18	0	+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
93 Speak I	English "very well"	0 +/-11	0 +/-11	0 +/-11) +/-16	0	+/-27	0 +/-11	(0 +/-18	0	+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
94 Speak I	English less than "very well"	0 +/-11	0 +/-11	0 +/-11	+/-16	0	+/-27	0 +/-11	(0 +/-18	0	+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
95 Vietname	ese:	0 +/-11	0 +/-11	0 +/-11	+/-16	19	+/-30	0 +/-11	(0 +/-18	0	+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
96 Speak I	English "very well"	0 +/-11	0 +/-11	0 +/-11	+/-16	0	+/-27	0 +/-11	(0 +/-18	0	+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
	English less than "very well"	0 +/-11	0 +/-11	0 +/-11	+/-16	19	+/-30	0 +/-11	(0 +/-18	0	+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
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	English less than "very well"	0 +/-11	0 +/-11	0 +/-11	+/-16	0	+/-27	0 +/-11	(0 +/-18		+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
101 Tagalog:		0 +/-11	0 +/-11	1 +/-2	+/-16	9	+/-13	2 +/-3	3	3 +/-6		+/-11	0 +/-16	0	+/-11	55 +/-76	5	+/-11
	English "very well"	0 +/-11	0 +/-11	0 +/-11	+/-16	9	+/-13	2 +/-3	3	3 +/-6		+/-11	0 +/-16	0	+/-11	55 +/-76	0	+/-11
	English less than "very well"	0 +/-11	0 +/-11	1 +/-2	+/-16	0	+/-27	0 +/-11	(0 +/-18		+/-11	0 +/-16	0	+/-11	0 +/-18	5	+/-11
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	English "very well"	0 +/-11	0 +/-11	0 +/-11	+/-16	0	+/-27	0 +/-11	(0 +/-18		+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
	English less than "very well"	0 +/-11	0 +/-11	0 +/-11	+/-16	0	+/-27	0 +/-11	(0 +/-18		+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
107 Navajo:		0 +/-11	0 +/-11	0 +/-11	+/-16	0	+/-27	0 +/-11	(0 +/-18		+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
108 Speak I	English "very well"	0 +/-11	0 +/-11	0 +/-11	+/-16	0	+/-27	0 +/-11	(0 +/-18		+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
	English less than "very well"	0 +/-11	0 +/-11	0 +/-11	+/-16	0	+/-27	0 +/-11	(0 +/-18		+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
	ative North American	0 +/-11	0 +/-11	4 +/-8	+/-16	13	+/-20	0 +/-11	(0 +/-18		+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
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	English less than "very well"	0 +/-11	0 +/-11	0 +/-11	+/-16	0	+/-27	0 +/-11	(0 +/-18		+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
113 Hungaria		0 +/-11	0 +/-11	0 +/-11	+/-16	0	+/-27	0 +/-11	(0 +/-18		+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
114 Speak I	English "very well"	0 +/-11	0 +/-11	0 +/-11	+/-16	0	+/-27	0 +/-11	(0 +/-18		+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
	English less than "very well"	0 +/-11	0 +/-11	0 +/-11	+/-16	0	+/-27	0 +/-11	(0 +/-18	•	+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
116 Arabic:		0 +/-11	0 +/-11	0 +/-11	+/-16	16	+/-30	0 +/-11		13 +/-21		+/-11	0 +/-16	0	+/-11	25 +/-46	4	+/-8
	English "very well"	0 +/-11	0 +/-11	0 +/-11	+/-16	11	+/-18	0 +/-11		13 +/-21	0	+/-11	0 +/-16	0	+/-11	25 +/-46	0	+/-11
	English less than "very well"	0 +/-11	0 +/-11	0 +/-11) +/-16	5	+/-12	0 +/-11	(0 +/-18	-	+/-11	0 +/-16	0	+/-11	0 +/-18	4	+/-8
119 Hebrew:		0 +/-11	0 +/-11	0 +/-11	+/-16	0	+/-27	0 +/-11	(0 +/-18		+/-11	0 +/-16	0	+/-11	1 +/-3	4	+/-8
	English "very well"	0 +/-11	0 +/-11	0 +/-11	+/-16	0	+/-27	0 +/-11	(0 +/-18		+/-11	0 +/-16	0	+/-11	1 +/-3	0	+/-11
	English less than "very well"	0 +/-11	0 +/-11	0 +/-11	+/-16	0	+/-27	0 +/-11	(0 +/-18		+/-11	0 +/-16	0	+/-11	0 +/-18	4	+/-8
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	English "very well"	0 +/-11	0 +/-11	0 +/-11	+/-16	0	+/-27	0 +/-11		38 +/-58		+/-11	0 +/-16	0	+/-11	15 +/-27	0	+/-11
	English less than "very well"	0 +/-11	0 +/-11	0 +/-11	+/-16	0	+/-27	0 +/-11	(0 +/-18		+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
	nd unspecified languages:	0 +/-11	0 +/-11	0 +/-11	+/-20	0	+/-27	0 +/-11	(0 +/-18		+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
	English "very well"	0 +/-11	0 +/-11	0 +/-11	3 +/-20	0	+/-27	0 +/-11	(0 +/-18		+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11
127 Speak I	English less than "very well"	0 +/-11	0 +/-11	0 +/-11) +/-16	0	+/-27	0 +/-11	(0 +/-18	0	+/-11	0 +/-16	0	+/-11	0 +/-18	0	+/-11

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

Methodological changes to data collection in 2013 may have affected language data for 2013. Users should be aware of these changes when using multi-year data containing data from 2013.

While the 2010-2014 American Community Survey (ACS) data generally reflect the February 2013 Office of Management and Budget (OMB) definitions of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

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Estimates of urban and rural population, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

144 Source: U.S. Census Bureau, 2010-2014 American Community Survey 5-Year Estimates

146 Explanation of Symbols: 147

1. An '**' entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.

2. An '-' entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.

3. An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.

4. An '+' following a median estimate means the median falls in the upper interval of an open-ended distribution.

5. An '***' entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.

6. An '*****' entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.

7. An 'N' entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.

8. An '(X)' means that the estimate is not applicable or not available.

Exhibit D: Heritage Wind Outreach Log

Heritage Wind Outreach Log

Date of	Location of Meeting/	Meeting/ Event Attendees	Purpose of Meeting/ Event	Follow-up Action Items	Comments
Meeting/	Event			·	
Event					
	•	1	Completed Activities		
May 12th,	Barre Town Hall	Community members, Councilmen of	General information session covering		
2016		Barre Town Board, Barre Town Planning	project design process, permitting process,		
NA 4 O+l-	Dawe Tarre Hall	Board members	and lease terms		
May 18th,	Barre Town Hall	Members of Barre community	General information session covering		
2016			project design process, permitting process, and lease terms		
May 24th,	Barre Town Hall	Members of Barre community	General information session covering		
2016			project design process, permitting process,		
			and lease terms		
June 9th,	Albion Hoag Library	Members of Barre community	General information session covering		
2016			project design process, permitting process,		
			and lease terms		
June 23rd,	Albion Hoag Library	Members of Barre community	General information session covering		
2016			project design process, permitting process,		
			and lease terms		
July 6th,	Barre Town Hall	Members of Barre community	General information session covering		
2016			project design process, permitting process,		
			and lease terms		
July 20th,	Barre Town Hall	Members of Barre community	General information session covering		
2016			project design process, permitting process,		
September	Ridgeway Town Hall	Members of Ridgeway Town Board	and lease terms Present to the Ridgeway Town Board, at		
14th, 2016	Mugeway Town Hall	Members of Mageway Town Board	their request, information about the		
14(11, 2010			project development process.		
			project development process.		
			-		
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Exhibit E: Project Information Sheets

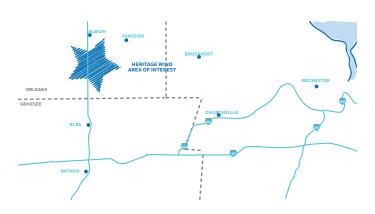
HERITAGE WIND PROJECT

Apex Clean Energy is exploring the feasibility of developing Heritage Wind, a wind energy project in the Town of Barre in Orleans County. Apex has spent the past few years in Orleans County getting to know the people and the area. A project such as Heritage Wind can bring the community together in economic growth while enhancing its agricultural roots.

Apex is in the early stages of determining the feasibility of the project. Early desktop studies show that Heritage Wind could comprise approximately 70 turbines that produce up to 200 MW of power.

Apex Clean Energy chose to explore the Town of Barre for the following reasons:

- Verified wind resource
- Existing high-voltage power lines
- Open agricultural land suitable for wind turbines



A Clean Economic Opportunity for Orleans County

Representing a private investment that could be in the millions, Heritage Wind can benefit the economies of the Town of Barre and Orleans County in the near term with construction jobs and local purchasing of materials and services. In the long term, the project could bring sustained tax revenue to the county for the local government and schools, as well as more than 25 years of local purchasing, employment, and investment.

Farmers who host turbines on their property and other participating landowners will also receive annual lease payments. These payments will continue over a potential 25-year lifespan of the wind farm, injecting millions of dollars into Orleans County's economy to support local merchants, contractors, and equipment suppliers.

The cost of wind energy has dropped more than 50% over the past five years, providing a cost-competitive source for clean electricity across the nation. Wind powers the equivalent of 18 million American homes each year.* Wind energy comes with many benefits, including reduced pollution, increased domestic employment, consumer cost savings, water conservation, nationwide availability, and increased community revenues.** Wind turbines complement working farms, because they allow for existing agricultural operations to continue around them. They also help farmers by diversifying the rural economy and providing a consistent, drought-resistant new harvest.

Local Economic Benefits

- Enough power for about 52,800 U.S. homes (200 MW)
- Farmers would be able to continue farming their land with very limited disturbance
- · At least 25 years of annual revenue for county, local landowners, and local schools, totaling millions of dollars



^{**}Department of Energy, Wind Vision: A New Era for Wind Power in the United States, 2015



INTRODUCING APEX CLEAN ENERGY

We Harness the Power of the Wind and Sun

Our business is to responsibly develop clean, reliable energy from the abundant wind and solar resources found throughout the United States. We bring renewable energy to the market responsibly, by carefully siting projects in suitable locations around the nation.

Apex Clean Energy Is a Proven Industry Leader

Founded in 2009, Apex has become one of the fastest-growing companies in the clean energy industry. Apex is an independent, privately held renewable energy company based in Charlottesville, Virginia.

Apex Management Is Experienced

A growing company of over 200 people, Apex is led by a team of wind energy veterans with collective experience of over \$10 billion in the development, financing, construction, and operation of wind and solar energy facilities now operating in the United States. The Apex team offers in-house expertise in wind resource assessment, development, permitting, wildlife biology, engineering, information technology, construction, and finance.



Careful Site Selection Brought Us to Orleans County

Heritage Wind is typical of our careful approach to project development. Apex chooses locations with supportive landowners, a proven wind resource, access to high-capacity transmission lines, low risk for wildlife impacts, and compatibility with existing land uses. We work to become community partners and establish long-term relationships in the areas where we work.

We Want to Meet You

Ben Yazman is the primary contact for Heritage Wind. He coordinates with a cross-disciplinary team to advance projects through all stages of development up to power marketing, with a focus on site identification and acquisition. An experienced project manager, Ben joined Apex in February 2016 after three and a half years of supporting USAID programs in Afghanistan with Chemonics International.

"I look forward to working with the Barre community to bring Heritage Wind to life." —Ben Yazman

Contact Information

Ben Yazman Apex Clean Energy 310 4th St. NE, Ste. 200 Charlottesville, VA 22902



Apex Clean Energy

Accelerating the shift to clean electricity

About Apex

Apex is a renewable energy company that is uniquely well-positioned to deliver large-scale clean energy solutions to markets across the country. Our mission is to accelerate the shift to clean energy.

\$3 billion of clean energy opportunity created to date



Bringing Clean Energy Resources to Market

We deliver turnkey wind or solar facilities to investors while typically retaining an ownership interest and providing long-term asset management services.

Over 1,600 MW operating or under construction

This past year, we completed construction of five wind facilities

in Illinois, Texas, and Oklahoma. These projects represent a total capital investment of more than \$2 billion. Operating assets under management have grown to 1,015 MW.

We work with such companies as AEP, Southern Power, IKEA, Google, First Reserve, and others. Our facilities offer competitive power prices, steady returns, and the ability to hedge inflation and carbon risk.

Positioned to Bring Capacity Online Quickly

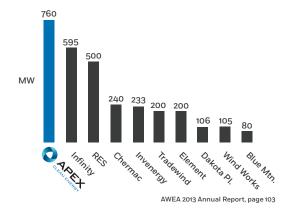
We are purpose-built to deliver clean energy solutions throughout the project life cycle, including site origination, development, financing, turnkey construction management, and long-term asset management.

With transmission applications for approximately nine gigawatts of clean energy in key markets, Apex is strategically placed to build out our portfolio in the years to come.

Over 12,000 MW currently under development

First in Power Purchase Agreements Among Independents

Apex ranked first among independent wind energy companies for power purchase agreements signed in 2013 and fourth overall.





WIND ENERGY FACTS

Fact: Currently installed wind energy produces enough electricity to power more than 15.5 million homes

Thirty-one percent of all new U.S. electricity generation that has come online in the past five years has come from wind energy facilities.1

Fact: Wind energy helps consumers save money

The cost of electricity from wind has dropped 58% in the past five years (see right). New Department of Energy data shows that the 11 states with the most wind energy installed have saved more on their electric bills than utility customers in other states.²

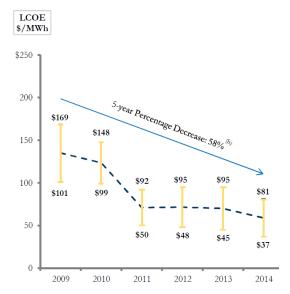
Fact: Wind energy is reliable

As of 2014, wind reliably provides more than 25% of the electricity in Iowa and South Dakota and more than 12% of the electricity needs in seven other states.³

Fact: Wind farms have a limited impact on birds

Wind farms cause far fewer bird deaths than transmission lines and other traditional energy sources. All wind projects must comply with wildlife agency permit standards. According to a National Academy of Sciences study, wind turbines contribute to less than 0.0003% of human-caused bird fatalities.⁴

Fact: Courts around the world have dismissed cases regarding health effects of wind turbines



Source: Lazard, "Lazard's Levelized Cost of Energy Analysis," Version 8.0 (2014).

Since 1998, 49 cases have been heard in at least five countries regarding health effects caused by wind turbines. Forty-eight cases have been dismissed due to the fact that there was no reliable evidence that sound and shadow flicker from wind turbines made people sick.⁵

Fact: Modern wind farms are less dangerous to eagles than many other humancaused factors

Turbines at modern wind farms are responsible for less than 2% of all reported human-caused eagle fatalities. Much greater numbers of eagle deaths are attributed to power lines, lead poisoning, vehicle strikes, illegal shootings, and other causes.⁶

Fact: Wind energy incentives are smaller than those given to other energy sources

Since 1950, 70% of all energy subsidies have gone to conventional fuel sources. As recently as 2002–2007, conventional sources received nearly five times as much in tax incentives as renewables.⁷

Fact: Wind farms do not affect property values of nearby homes

A study by Lawrence Berkeley National Laboratory studied 50,000 U.S. home sales near 67 wind facilities in 27 counties and found that there was no evidence that home values were affected.⁸

SOURCES

- 1. http://www.awea.org/generationrecords
- http://www.lazard.com/PDF/Levelized%20Cost%20of%20Energy%20
 -%20Version%208.0.pdf
- 3. http://www.eia.gov/state
- 4. http://www.nap.edu/openbook.php?record_id=11935&page=71
- 5. http://www.energyandpolicy.org/wind-health-impacts-dismissed-in-court
- 6. http://www.huffingtonpost.com/tom-kiernan/wind-farms-do-their-part-

_b_4590022.html

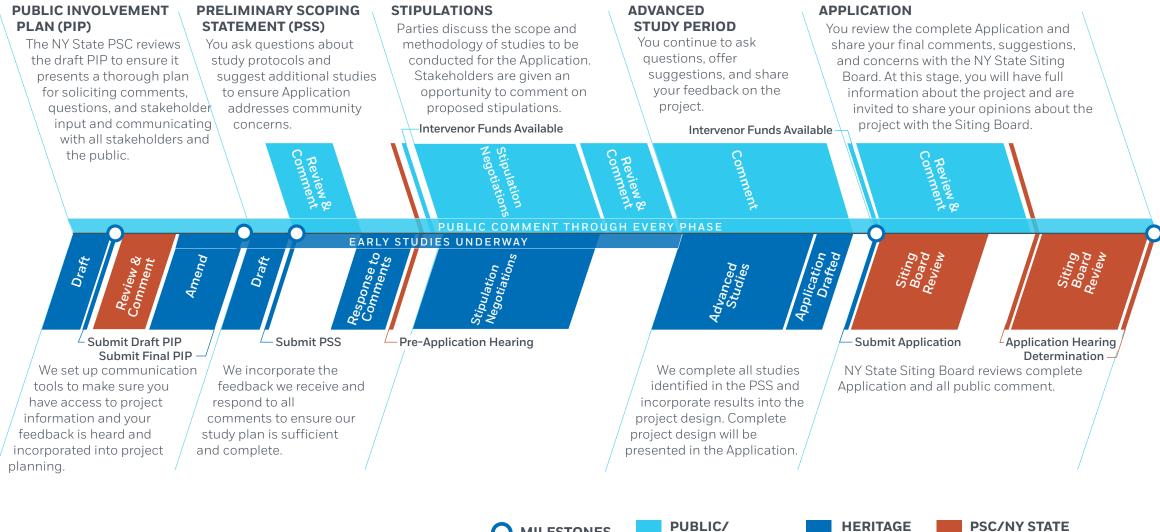
- http://www.nei.org/Master-Document-Folder/Backgrounders/White-Papers/60-Years-of-Energy-Incentives-Analysis-of-Federal; http://www.gao. gov/new.items/d08102.pdf
- 8. http://emp.lbl.gov/sites/all/files/lbnl-6362e.pdf



Exhibit F: Article 10 Education Materials

YOU ARE A STAKEHOLDER

The graphic below depicts the New York Article 10 process. As a stakeholder, you have the opportunity to submit feedback throughout the permitting period.









GETTING INVOLVED

Permitting Wind Energy in New York

New York has a very rigorous state permitting system for major electric generating facilities called Article 10. The Article 10 process will offer members of the public many opportunities to share their opinions and suggestions about Heritage Wind with both Apex and the New York State Board of Electric Generation Siting and the Environment (www.dps.ny.gov/SitingBoard).

What Is Article 10?

Article 10 defines a clear process for public engagement in permitting large electric generating facilities. Article 10:

- applies to electric generating facilities with 25 MW generating capacity or more, including renewable energy projects
- includes environmental justice and environmental and health requirements
- ensures broad public involvement opportunities throughout the process
- makes funds available to local parties and municipalities through an intervenor fund so they can make an effective contribution to the proceedings

There are five stages in the Article 10 process:

- 1. Pre-Application: Applicants must file a Public Involvement Program Plan summarizing activities to educate, inform, and involve the public in the process 150 days before filing a Preliminary Scoping Statement (PSS). Ninety days before filing an application, the applicant files the PSS, which must also be provided to state and municipal agencies, state and local officials, and local libraries. A notice summarizing the PSS must also be placed in newspapers. The PSS must include:
 - proposed facility and environmental setting
 - potential significant, adverse environmental/health impacts
 - proposed studies to evaluate potential impacts
 - measures to avoid or mitigate adverse impacts
 - reasonable alternatives
 - state and federal requirements

After the Preliminary Scoping Document is submitted, circulated, publicly noticed, and after at least half of the intervenor funds have been awarded, consultation begins with interested parties on the methodology and scope of impact studies. The public has an opportunity to comment on the Preliminary Scoping Statement, and the applicant (Apex, in this case) is required to respond to the written public comments.

- 2. Application: The project application will be filed with the Siting Board and made available for public inspection at libraries. Copies of the application will also be provided to interested parties, and a notice summarizing the application will be published in local newspapers. State legislators in impacted districts will also be notified. The application must include:
 - project description
 - public involvement activity
 - facility and community security and safety plans
 - evaluation of expected environmental/health impacts, environmental justice issues, and reasonable alternative locations
- 3. Administrative Hearings: Within 60 days of receiving a project application, the chair of the Siting Board determines if the application complies with all filing requirements. If so, a date for the public hearing is set. The hearing examiner also holds a pre-hearing conference to identify intervenors, award intervenor funds, identify issues for the hearing, and establish a case schedule.



- **4. Siting Board Decision:** The Siting Board must make explicit findings about the nature of the environmental impacts related to construction and operation of the facility and related facilities. Specifically, the board will consider impacts to:
 - statewide electrical capacity
 - ecology, air, ground and surface water, wildlife, and habitat
 - public health and safety
 - cultural, historical, and recreational resources
 - transportation, communication, utilities, etc.
 - cumulative emissions on the local community according to environmental justice regulations

The board must also determine that the facility is a "beneficial addition or substitute for" generation capacity, that construction and operation are in the public interest, that adverse environmental effects will be minimized or avoided, and that the project is in compliance with state laws and regulations.

- 5. Compliance: Once the project is certified, there are three elements of post-certification compliance:
 - Pre-Construction: Includes the filing of engineering and design documents, permits, or approvals
 - **DPS On-Site Compliance:** Staff from the Department of Public Service will be on hand to ensure that compliance requirements are met at the facility after construction begins
 - **Long-Term Compliance:** After construction, a facility's certificate may require long-term compliance regarding the operation of the facility over its lifetime

The Intervenor Fund

The intervenor fund exists to ensure that it is possible for any interested local parties or municipalities to contribute to the proceedings. All projects must pay \$350 per MW of generating capacity into the fund, up to \$200,000, during the pre-application stage.

In addition, each project application must be accompanied by a fee of \$1,000 per MW of capacity into the fund, up to \$400,000, during the application stage. The presiding examiner or secretary will issue a notice when funds are available, informing the public on how they may apply for a portion of these funds. Requests for funds must be submitted to the presiding examiner no later than 30 days after the issuance of the notice of availability. Eligible municipal and local parties may request funds by filing the requests with the secretary of the Siting Board and submitting a copy to the presiding examiner and to the other parties to the proceeding.

Funds will be awarded to municipalities and local parties on an equitable basis, when it is determined that the funds will to be used to contribute to a complete record leading to an informed decision as to the appropriateness of the site and the facility, and will facilitate broad participation in the proceeding.

Half of the intervenor funds must be available for municipal parties and half to local parties to hire expert witnesses, consultants, or lawyers.

For More Information About the Article 10 Process . . .

The State of New York has an office within the Department of Public Service, called the Public Information Coordinator, to assist and advise interested parties and members of the public on participation in the siting and certification of major electric generating facilities. To learn more about the Public Information Coordinator or to find its contact information, visit http://tinyurl.com/NYDPS.

To provide comments on a case, contact the secretary of the Siting Board:

Kathleen H. Burgess Siting Board 3 Empire State Plaza Albany, NY 12223-1350

Email: secretary@dps.ny.gov

Phone the opinion line to leave a comment: 800.355.2120.

