

Lighthouse Wind Project Public Involvement Tracking Log as of December 31, 2014

Date of Meeting/ PIP Event	Location of Meeting/ PIP Event	Meeting/ PIP Event Stakeholders Involved	Purpose of Meeting/ PIP Event	Follow-up Action Items	Comments/Stakeholder Feedback
<b>Completed Activities</b>					
2/12/2014	Somerset Town Hall	Somerset Supervisor Dan Engert and Lighthouse Wind Representative Dan Fitzgerald	Introduction of early potential of a wind energy project in the area.		
4/28/2014	Internet	Internet Users	Establishment of lighthousewind.com	Continuing updates.	
6/10/2014	Internet	Lighthouse Wind website users	Blog posting regarding agricultural property values and wind farms.		
6/17/2014	Internet	Lighthouse Wind website users	Blog posting regarding National Renewable Laboratory studies on property values and wind farms.		
6/24/2014	Internet	Lighthouse Wind website users	Blog posting regarding the cost of energy from wind farms.		
7/3/2014	Internet	Lighthouse Wind website users	Blog posting regarding comparison of causes of bird deaths relative to wind turbines.		
7/23/2014	Somerset Town Hall	Somerset Supervisor Dan Engert and Lighthouse Wind Representative Dan Fitzgerald	Update on potential wind energy project in the area.		
7/25/2014	Yates Town Hall	Yates Supervisor John Belson and Lighthouse Wind Representative Dan Fitzgerald	Introduction of early potential of a wind energy project in the area.		
9/4/2014	Somerset Town Hall	Town of Somerset Planning Board, Lighthouse Wind representatives, and members of the public.	Public hearing and review of application for a special use permit for a meteorological tower.	Meeting with Niagara County Planning Board.	
9/15/2014	Internet	Lighthouse Wind website users	Blog posting with excerpts from Article by Buffalo Business First Reporter- David Bertola regarding Town of Eagle wind farm benefits.		
10/2/2014	Somerset Town Hall	Town of Somerset Planning Board, Lighthouse Wind representative, and members of the public.	Review and approval of application for a special use permit for a meteorological tower.		

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10/13/2014	Barker Fire House, Barker, NY	Apex representatives Dan Fitzgerald, Taylor Quarles, Dahvi Wilson and Karlis Povisils, local government representatives, members of the press, and at least 65 general attendees, including participating and potential project area landowners, lakefront landowners, other local landowners and NYS residents from other counties.	Introductory open house, intended to present the proposed Lighthouse Wind project and facts about wind development to community members and potential stakeholders through conversation, 3' by 4' informational boards, and free literature. Provide opportunity to sign up for future updates and events through Lighthousewind.com	Input all attendees as potential stakeholders into database. Follow up with local representatives Daniel Engert and John Belson. Follow up with project area landowners with questions or interest. Follow up with any attendee who indicated the desire to speak personally regarding the proposed project.	While 65 attendees utilized our sign in sheet, it is likely that several others chose not to sign in, or a couple/family group only signed in as one person. Therefore it is likely that the number of attendees could be slightly higher.
10/31/2014	Electronic submission	NYS Public Service Commission.	Draft Public Involvement Program Plan submitted to NYS Public Service Commission.	NYS PSC review.	
11/6/2014	Internet	Lighthouse Wind website users	Blog posting with link to recently released Health Canada study.		
11/4/2014	US Mail	Governmental and agency stakeholders.	Governmental and agency stakeholder mailing introducing them to the Project and informing them of submission of PIP to NYS Public service commission.		Received correspondence from NYS Agriculture and Markets regarding the Project. Received phone calls from local representatives.
12/12/2014	Internet	Lighthouse Wind website users	Blog posting regarding the installation of Lighthouse Wind meteorological tower.		
12/12/2014	Internet	Lighthouse Wind website users	Blog posting reporting on Lighthouse Wind open house event in the Town of Yates.		
12/31/2014	Internet	Lighthouse Wind website users	Blog posting reporting the submission of the revised Public Involvement Program plan to the NYS Public Service Commission.		

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12/9/2014	Yates, NY -- Town Hall	Apex representatives Dan Fitzgerald, Taylor Quarles, Dahvi Wilson and Olivia Looney. Somerset, NY Supervisor Daniel Engert. Yates, NY Supervisor John Belson. "Daily News" reporter Jim Krencik. "Orleans Hub" reporter Tom Rivers. 70 general attendees, including participating and potential project area landowners, lakefront landowners, other local landowners and NYS residents from other counties.	Introductory open house, intended to present the proposed Lighthouse Wind project and facts about wind development to community members and potential stakeholders through conversation, 3' by 4' informational boards, and free literature. Provide opportunity to sign up for future updates and events through Lighthousewind.com. Collect stakeholder input.	Input all attendees as potential stakeholders into database. Follow up with local representatives Daniel Engert and John Belson. Follow up with project area landowners with questions or interest. Follow up with any attendee who indicated the desire to speak personally regarding the proposed project.	While 70 attendees utilized our sign in sheet, it is likely that several others chose not to sign in, or a couple only signed in as one person. Therefore it is likely that the number of attendees could be slightly higher.
12/15/2014	NYS DEC Office Albany, NY and via phone.	Apex representatives Dan Fitzgerald, Dave Phillips and Taylor Quarles. NYSDEC representatives Rudyard Edick, Heidi Kennedy, Brianna Gary, Mike Wasilco, Kenneth Roblee, Connie Adams and Emilio Rende. US Fish and Wildlife representative Tim Sullivan.	Introduce applicable NYSDEC and US Fish and Wildlife representatives to applicable Apex representatives and the proposed Lighthouse Wind project. Beyond introductions of individuals and the proposed project area/scope. Discussed proposed winter avian studies for the project area.	Obtain proposed NYSDEC and US Fish and Wildlife study guidelines discussed and adapt proposed Apex environmental study plans to follow NYSDEC guidelines. Continue dialogue with appropriate NYSDEC and US Fish and Wildlife representatives throughout this process of study planning. Begin agreed upon winter studies.	
12/31/2014	Electronic submission	NYS Public Service Commission.	Revised Public Involvement Program Plan submitted to NYS Public Service Commission.		
12/31/2014	Internet	Lighthouse Wind website users	Number of registered website users reaches 234.		
<b>Upcoming or Planned Activities</b>					
Jan/Feb	TBD	Apex representatives with governmental and agency stakeholders	Project introductions and discussion of Article 10 process.		

Lighthouse Wind Project Public Involvement Tracking Log as of January 1 - February 28, 2015

Date of Involvement	Method of Contact	Stakeholders Involved	Purpose of Meeting/ PIP Event	Comments/Stakeholder Feedback	Response/Follow-up Action Items
<b>Completed Activities</b>					
1/8/2015	Email	Suzanne Albright, Great Lakes Wind Truth	Correspondence	Questions regarding ownership of Apex Clean Energy and whether or not it is owned by BP.	<p>The Lighthouse Wind Project is owned by Lighthouse Wind, LLC, which is a wholly owned subsidiary of Apex Clean Energy Holdings, LLC (formerly Apex Wind Energy Holdings, LLC).</p> <p>Apex Clean Energy Holdings, LLC is a privately owned Delaware limited liability company and is based in Charlottesville, VA. Apex acquired BQ Energy because BQ Energy had renewable energy development assets that Apex wanted to add to its portfolio.</p> <p>Greenlight Energy Inc. is a company formed in 2000 by many of the same investors currently investing in Apex. That entity was sold to BP, after which time the same investors started Apex (in 2009) to continue developing renewable energy. BP is unrelated to Apex.</p>
1/17/2015	Email	Susan Dudley	Correspondence	<p>Stakeholder made several comments and asked questions below.</p> <ol style="list-style-type: none"> <li>1. Stakeholder raises concerns about property value.</li> <li>2. Stakeholder would like to see the website blog have specific questions that have been submitted by us local people and answers that are answers written by people like you not just referrals to other websites or generic wind studies.</li> <li>3. Stakeholder raises concerns with the size of the proposed turbines, statistics regarding noise and other environmental and aesthetic issues.</li> </ol>	<p>Responses below were provided to stakeholder.</p> <ol style="list-style-type: none"> <li>1. A rather thorough property value study was performed just about a year ago and can be found at this link: <a href="http://d3n8a8pro7vhmx.cloudfront.net/apexcleanenergy/pages/51/attachments/original/1390687567/lbnl-6362e.pdf?1390687567">http://d3n8a8pro7vhmx.cloudfront.net/apexcleanenergy/pages/51/attachments/original/1390687567/lbnl-6362e.pdf?1390687567</a>. When examining this and other sources of information, please look at the source of the information, the size of the study, and the qualifications of the individuals performing the studies. As to the visual impact, that will be one of the studies that is performed during the permitting process. For property owners on the lake shore, they should request visual simulations from key viewing points.</li> <li>2. We are working with the Public Service Commission Staff to coordinate the proper method of recording, tracking, and responding to individual questions and response. Once we know the exact details on how this will work, I will let you know.</li> <li>3. The studies will include sound projections, visual simulations, and shadow flicker projections based upon a specific turbine model. The specifications for these studies will be in the PSS. This is again an area in which you may want to offer input as the study protocols are developed.</li> </ol>
1/17/2015	Email	Susan Dudley	Correspondence	<ol style="list-style-type: none"> <li>4. Stakeholder raises concerns as to the accuracy of the numbers regarding increase in jobs and revenue.</li> <li>5. Stakeholder raises concerns regarding submitted maps and potential turbine locations.</li> <li>6. Stakeholder asks for references to other wind project that have characteristics matching this one in: size of turbines, number of turbines, recreational and vacation property impact?</li> <li>7. Stakeholder asks if Apex anticipates the same type of issues that the Cape Wind Project has had.</li> <li>8. Stakeholder asks what has the feedback been from the Amish community?</li> </ol>	<ol style="list-style-type: none"> <li>4. To which numbers are you referring? Since the beginning, we have been transparent in the number of jobs that we expect. The number will depend on the size of the resulting project. As you point out, the numbers will be much greater for the temporary jobs during construction, and the number of full time staff will be less. In regard to the full-time workers, I have seen many local people hired into those jobs. There are wind turbine technician programs in colleges in New York, so that training is available.</li> <li>5. As we study the project, we have a larger boundary so as to include any places where any project components may go including the wind turbines, roads, collection lines, operation and maintenance buildings, and the substation. We are too early in the project to have sited the components. Due to setbacks from roads, occupied residences, and existing utility infrastructure, the wind turbines will all be south of Lakeshore Road in the Town of Yates. We have no plans to place turbines for this project in the lake.</li> <li>6. One that is somewhat similar is the Marble River Wind Farm in northern NY. It is a 215 MW project that utilized 3,075 MW wind turbine generators that were 492 feet to the tip height.</li> <li>7. While on-shore and off-shore wind turbines use similar technology, the development issues are very different. I would expect that we will see some similar issues, but not all of the same issues.</li> <li>8. The area is home to both Amish and Mennonite communities. Some attended our open house and provided us with contact information. As we have offered to meet with neighbor groups in general, we will meet with them. Some may even choose to participate in the project.</li> </ol>
1/19/2015	Email	Susan Dudley	Correspondence	Stakeholder provided contact information for other interested family members and proposed meeting.	Responded to stakeholder and list of family members offering to meet when they are in the project area.

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1/21/2015	Email	Suzanne Albright, Great Lakes Wind Truth	Correspondence	Question regarding the filing of an updated PIP on January 15, how it differs from the one filed on December 31, 2015, and why a new one was filed.	<p>A new PIP was submitted on January 15 with minor updates. The PIP has been updated to revise Appendix A, Stakeholders List. This appendix has been changed to reflect changes in elected representatives and has been corrected to make a change to a county representative's name.</p> <p>The second change was to Appendix H, Draft Form Letters and Notices. The sample advertisement has been edited to remove an actual date on the advertisement and to clearly mark it as a sample. This change was made based upon a public comment sent to the DPS docket website.</p>
1/22/2015	In-person Meeting	NYS Senator Robert Ort, staff members, and Apex representative Dan Fitzgerald.	Introduced Senator Ort and his staff to the proposed Lighthouse Wind Project, offer Apex contact information, answer any questions regarding Apex Clean Energy as a company, the Lighthouse Wind Project, wind farm development, or Article 10 Processes.	Senator Ort asked several questions about the project plans and the permitting processes it would be required to undergo.	Continue to update Senator Ort and his staff as Apex submits additional documents to the PSC under article 10. Maintain open lines of communication in order to answer any future questions. Provide project area maps.
1/23/2015	Email	Al Isselhard	Correspondence	<p>Stakeholder sent several questions below.</p> <ol style="list-style-type: none"> <li>1. Approximately how much will Apex invest in the Lighthouse Wind project?</li> <li>2. Does Apex have permission to tie into the grid at the 345kV Kintigh Substation power plant?</li> <li>3. Apex says that the Lighthouse Wind project will be able to power 53,000 homes. Does powering the homes mean powering them 24/7/365?</li> </ol>	<p>Responses below were provided to stakeholder.</p> <ol style="list-style-type: none"> <li>1. The project is in the early stages of development, and as such, an actual investment number cannot be given at this time. The value of the investment will be dependent on the size of the constructed project among other factors, none of which have been finalized at this time. Typically, wind farms require hundreds of millions of dollars of investment.</li> <li>2. Lighthouse Wind has an interconnection request in with the New York Independent System Operator (NYISO) and is undergoing studies according to the Open Access Transmission Tariff (OATT).</li> <li>3. We calculate a "homes powered" estimate by using the following steps:  Step 1: Multiply the size of the project (measured by the megawatts of capacity that it has) by the anticipated efficiency rating for the specific project, based on the site, turbine model, etc. (also called "net capacity factor" or NCF). The NCF for a project is proprietary, but it is calculated based upon real, existing wind data. This produces an estimate of the number of MW the project will actually produce (since turbines will not always be operating at full capacity.)  Step 2: multiply the "actual MW" by the number of hours in the year (8760). This helps us estimate how many MWh will be produced every year (MWh/year).  Step 3: Use existing energy consumption data, as recorded in the US Census, to determine the average annual energy consumption for a US household.  Step 4: Divide the MWh/year that will be produced by the project by the number of MWh consumed by the average US household to determine the number of average households that can be powered by the energy produced by the wind farm.</li> </ol>

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1/23/2015	Email	Al Isselhard	Correspondence	<p>4. How much of the power generated by the Lighthouse Wind project will be used in the towns of Somerset and Yates? 20%, 50%, more?</p>	<p>4. The physical delivery of the power generated by the project will depend on the system demand at the time of production and the operating generators. Due to the dynamic nature of the operation of the grid, such a number cannot be provided.</p> <p>The Lighthouse Wind project will be connected to a regional grid system that supplies energy to all energy consumers hooked up to that grid. A regional electric grid functions like a water reservoir. In the case of a reservoir, several feeder streams may add water into the pool from multiple different locations. At the same time, multiple consumers may be drawing water out of the reservoir from different places along the reservoirs banks. The job of the reservoir manager is to ensure that there is enough water in the pool to supply all consumers, regardless of where that water originates from. When any given consumer draws water out of the reservoir, he cannot know which feeder stream the molecules in his water have come from, but the closer he is located to a feeder stream, the more likely it is that he has captured some of the water molecules that stream provided.</p> <p>Similarly, managers of the electric grid system ensure that no matter where on the grid a consumer (or utility in this case) is located, there is enough power in the system to allow that utility to supply all of its customers. To make sure there is enough power to serve all users, the grid operator can call on any electric generation facilities that feed into the grid system, regardless of where on the grid they are located. In this case, the utilities, which distribute electricity to residential and commercial customers, are responsible for ensuring that as their energy demand grows, an equal amount of new energy generation is added to the grid system. They must add new "water" to the reservoir by buying power from a new generation facility, even if they will not use any of the actual electrons produced by this facility themselves. Though it is impossible to know where any given electron will be used, it is more likely that electrons produced in Somerset and Yates will be used nearby, because they are closest to the source of that generation, just as described in the feeder stream example above.</p>
1/23/2015	Email	Al Isselhard	Correspondence	<p>5. The Rochester newspaper reported that the Lighthouse Wind project would involve 60 to 70 turbines about 570' tall and 3 Mw each. Can you confirm that this is correct?</p> <p>6. The Lighthouse Wind web site says: "New Study Confirms Wind Energy Does Not Reduce Property Values". In view of this comment - would Apex support and agree to a property value guarantee or property protection plan that would protect property owners on the value of their property since Apex is so confident property values will not be reduced by the Lighthouse Wind project?</p> <p>7. What would it cost to completely remove a 570' turbine (3Mw) including the concrete base and any underground cables, remove everything and restore the ground to what it was before the turbine was erected and legally dispose of all the materials?</p> <p>8. Would Apex pursue this project if the towns of Somerset and Yates would NOT agree to a PILOT but rather tax the Lighthouse Wind project at 100% of its value?</p> <p>9. Explain in some detail how the lessors will be protected against decommissioning costs?</p>	<p>5. The numbers reported were estimates based on the project potential and currently available turbine models. As stated earlier, the project is still in its early development stages. At this time, the turbine model and number of turbines has not yet been determined. Once further studies have been done, the number of turbines, turbine type, and locations will be submitted in the Application to the Siting Board.</p> <p>6. Throughout the development and permitting process, Lighthouse Wind will provide studies on many topics. These studies will be used in the Application submitted to the Siting Board. We will discuss the results of studies like these with the Siting Board throughout the process and any mitigation should it be deemed necessary.</p> <p>7. An estimate like this would require more advanced plans than we currently have for the project.</p> <p>8. Lighthouse Wind will work with the taxing jurisdictions on this issue. A decision of whether or not to proceed with a project depends on many factors. Tax or PILOT programs would be considered in the financial model as the project is more fully developed.</p> <p>9. Lighthouse Wind would put a decommissioning bond in place to cover the full value of decommissioning minus the value of the raw materials (including copper and steel) that can be sold for salvage.</p>
1/27/2015	Email	Suzanne Albright, Great Lakes Wind Truth	Correspondence	<p>Follow up questions in regard to the ownership of Apex Clean Energy.</p>	<p>Apex Clean Energy Holdings, LLC was founded by Greenlight Energy Resources in 2009, and is now a privately owned Delaware limited liability company and is based in Charlottesville, VA. Greenlight Energy Inc. (not Greenlight Energy Resources) is a company formed in 2000 that was sold to BP in 2006. BP is unrelated to Apex.</p> <p>Greenlight Energy, Inc. was founded in 2000. In late 2006, the value created at Greenlight was realized by the sale of the company to BP Alternative Energy. After that sale, some of the people who had founded Greenlight Energy, Inc. went on to form Greenlight Energy Resources and Apex Wind which became Apex Clean Energy.</p>

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1/28/2015	In-person Meeting	NYS Assemblyman Stephen Hawley. Apex representatives Dan Fitzgerald and Taylor Quarles	Introduced Assemblyman Hawley to the proposed Lighthouse Wind Project, offer Apex contact information, answer any questions regarding Apex Clean Energy as a company, the Lighthouse Wind Project, wind farm development, or Article 10 Processes.	Assemblyman Hawley asked several questions about the project plans and the permitting processes it would be required to undergo.	Continue to update Assemblyman Hawley as Apex submits additional documents to the PSC under article 10. Maintain open lines of communication in order to answer any future questions.
1/29/2015	In-person Meeting	James Whipple, CEO-CFO Orleans County EDA. Apex representatives Dan Fitzgerald and Taylor Quarles	Initiated dialogue on Apex interaction with the Orleans EDA throughout the Article 10 permitting process.	Mr. Whipple attended the second open house, held in the Yates town hall, in Lyndonville, NY, on December 9, 2014, thus was familiar with the proposed project.	Continue to update Mr. Whipple as Apex submits additional documents to the PSC under article 10. Maintain open lines of communication in order to answer any future questions.
1/30/2015	Email	Suzanne Albright, Great Lakes Wind Truth	Correspondence	Question asking if a town such as Yates in Orleans County, states they do not want industrial wind turbines in their town, will Apex withdraw their plan.	Apex follows all local, state, and federal laws in developing and building its projects. In New York, this includes evaluating and incorporating stakeholder input, which will include the input from the town of Yates and its residents.
2/9/2015	In-person Meeting	NYS Assemblywoman Jane Corwin. Apex representative Dan Fitzgerald.	Introduced Assemblywoman Corwin to the proposed Lighthouse Wind Project, offer Apex contact information, address questions regarding Apex Clean Energy as a company, the Lighthouse Wind Project, wind farm development, or Article 10 Processes.	Assemblywoman Corwin asked several questions about the project plans and the permitting processes it would be required to undergo.	Continue to update Assemblywoman Corwin as Apex submits additional documents to the PSC under article 10. Maintain open lines of communication in order to answer any future questions.
2/10/2015	Email	Susan Dudley	Correspondence	<p>Stakeholder sent several questions below.</p> <ol style="list-style-type: none"> <li>1. Stakeholder inquires to Lighthouse Wind link posted on Town of Yates website.</li> <li>2. I have submitted some questions via the lighthouse wind website. They don't show up anywhere so how are they A) recorded, B) answered?</li> <li>3. Can you provide data for some of sweeping generalities in your PIP .. i.e. millions of dollars in taxes, millions to lease holders.... would like a detailed explanation of how you arrive at these numbers. A spreadsheet would be nice.</li> <li>4. From whom do we request a visual simulation? How is this done. Is it computer generated?</li> </ol>	<p>Responses below were provided to stakeholder.</p> <ol style="list-style-type: none"> <li>1. We did not request the Town of Yates to post the link to our website. The Town of Yates has not endorsed the project, but we are working closely with Town officials and all other interested stakeholders, including yourself, to help them stay informed and updated on the project plans.</li> <li>2. We are currently recording them in a database. I believe that I have answered many of your questions directly. Please advise me if there are outstanding questions that remain unanswered. The comments, questions, and other inputs that we collect through our website will be submitted to the PSC and posted on their site, as well as on our submissions page. We anticipate posting these communications approximately once every two months, as suggested by the PSC. We need to further consult with the PSC to verify the format in which these should be conveyed, and we expect to be posting our first report of these communications as soon as we receive guidance from the PSC.</li> <li>3. Details of this will be provided in the Application that will be submitted to the Public Service Commission.</li> <li>4. This would be part of the Preliminary Scoping Statement (PSS). You may suggest this to us, via public comment on the PSC website, or via your local representatives. The method, too, will be developed through the PSS process. We will strive to incorporate best visualization processes, working with a third-party modeler for this work. Typically, visualizations are computer generated to accurately represent the visual impacts of planned turbines.</li> </ol>

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2/10/2015	Email	Susan Dudley	Correspondence	<p>5. How long does Apex intend to retain control of this wind farm? Will they be selling it off as soon as possible as they have done with other projects? How does this affect PILOT agreements? How does this affect lease holders? How does this affect disassembly promises at the end of 20 or 30 years.</p> <p>6. Why does APEX think this is a viable contribution to the NY state electrical grid. What are your statistics as to how much real electricity will reach the grid?</p> <p>7. How long will your wind meter studies run? Do you compare the numbers to data that already exists such as those published by NREL?</p> <p>8. How much energy does a wind turbine consume? There must be a number showing energy consumed vs energy generated. What is it?</p>	<p>5. Apex has pursued various forms of project development and construction. Apex completed the development and construction of the Canadian Hills project in Oklahoma. In the case of that project, we did sell the project to another owner/operator once it was operational. The power from the project is being purchased by several different utilities. However, that arrangement is not standard for all of our projects. For example, in the case of the Hoopston Wind project in Illinois and the Cameron Wind project in Texas, Apex will be managing development, construction, and operation of the projects throughout their lives. In these cases, another business will be purchasing the facilities, but Apex will operate them. In the future, Apex does hope to maintain ownership of its projects. But at this point in our company's growth, we need to work with additional partners. It is premature to say how ownership of the Lighthouse Wind project would be structured once (and if) it is built. Agreements such as PILOTS, leases, and decommissioning are signed to the project and transfer with ownership.</p> <p>6. Apex thinks that this is a viable contribution to New York State as it directly addresses its renewable energy goals as stated in the New York State Energy Plan. Final estimations on output will be determined once the project size and configuration is complete. This type of information will be available in our Application submitted to the PSC.</p> <p>7. Our studies will run throughout the development, construction, and operation of the project. We use the data collected at the site, as well as data from other available sources such as NREL maps. Our on-site data will offer much more specificity than the general wind maps produced by NREL.</p> <p>8. Turbines use very little energy. However, the energy they do use is factored into our estimates of the energy that will be produced. The exact amount of energy a turbine will use depends on the model of the turbine, and this has not yet been determined for Lighthouse Wind.</p>
2/10/2015	Email	Susan Dudley	Correspondence	<p>9. How is wind energy stored?</p> <p>10. Most of the electricity generated is sent downstate through old transmission lines. I have read it gets bottle necked around Utica...what exactly does that mean? Do they use it in Utica? or what happens?</p> <p>11. Many of the studies shown in the APEX PIP are showing turbines that are 200ft high. How can you compare these to turbines 570ft high and call them the same??</p> <p>12. Is the APEX project a replacement for the UNYPP coal fired generating plant? Are you using the same transmission lines? Who will get precedence? How does that work?</p> <p>13. That number you have of 200 megawatts --- is that a day, a year...or what. What % of total electricity generated in NY does that represent?</p>	<p>9. Wind energy can be stored in the same manner as all other forms of electricity. Most frequently, wind energy is fed onto the grid and used as it is generated. Grid operators ensure that an equal amount of energy is being added to the grid as is being used at any given time. This is the same balancing process that grid operators use to integrate conventional energy generation as well.</p> <p>10. Where an actual electron goes is a matter of physics and based upon supply and demand. The greatest load (draw of power) is usually at population centers and increases at different times of the day. During those peak times, more power is drawn to the load centers, so some of the electricity generated in this project could end up going there. As for the "bottle neck", there are ongoing improvements being made to the NY grid to allow for a more efficient flow of power at peak times.</p> <p>11. Though the turbine model is yet to be determined, we have set expectations that it would likely be form 500-600 feet to tip height. Please provide more specific references to the studies that you mention that have turbines at 200 feet high.</p> <p>12. Apex has filed an interconnection request with the New York Independent System Operator (NYISO) for interconnection at the New York State Electric and Gas (NYSEG) Kintigh substation. That substation is located in front of the UNYPP plant. We are undergoing a series of studies with NYISO at this time. We will use the NYSEG transmission lines that go into that station. The operation will be controlled by NYISO based upon several factors.</p> <p>13. The 200 MW is nameplate capacity. That is what the total of all of the generators at maximum output. Once we have advanced through our studies and determined the final turbine model, we will be able to make the calculations of actual output. The output calculation factors in the anticipated efficiency of the facility and the wind data to produce an estimation of the MWh/year that will be produced by the facility.</p>

Lighthouse Wind Project Public Involvement Tracking Log as of January 1 - February 28, 2015

Date of Involvement	Method of Contact	Stakeholders Involved	Purpose of Meeting/ PIP Event	Comments/Stakeholder Feedback	Response/Follow-up Action Items
2/10/2015	Email	Susan Dudley	Correspondence	<p>14. How much ground water pollution is created in siting a wind turbine.</p> <p>15. I read somewhere the number of permanent jobs created will be 10. What kind of jobs are these? Are these people working for APEX?</p> <p>16. [From subsequent email] AND PLEASE RELATE THIS DIRECTLY TO THE LIGHTHOUSE PROJECT. HOW MANY METRIC TONS OF SO2 AND NOX WILL THE LIGHTHOUSE PROJECT OFFSET? WIND ENERGY REDUCES AIR POLLUTION In 2012, wind energy offset 87,000 metric tons of SO2 and 61,000 metric tons of NOx, dangerous particulate air pollutants that are associated with conventional electric generation.* In addition, wind turbines installed in the U.S. through 2012 will displace nearly 100 million metric tons of carbon dioxide annually*. That's the equivalent of removing over 17 million cars from the road. This carbon savings helps birds and wildlife by minimizing the worst impacts of climate change, which according to scientists, could threaten between a quarter and half of all bird species.</p>	<p>14. Water impacts during the construction process are regulated through New York State Department of Environmental Conservation (NYSDEC) and the United States Army Corps of Engineers (USACE). Unlike other energy generation sources, wind turbines use no water to produce energy and they do not create air or water pollution during operation.</p> <p>15. These jobs will most likely consist of an operations manager, assistant manager, administrative person, and several wind turbine technicians. They will be employed by the project owner, but they will likely be hired for this project, possibly from the local area if qualified individuals are present.</p> <p>16. Estimated offset numbers will be available in the application after further studies are completed and the size and turbine positions are complete.</p>
2/10/2015	In-person Meeting	Aaron Nellist, Mayor of Barker, NY. Apex representatives Dan Fitzgerald and Taylor Quarles.	Introduced proposed Lighthouse Wind project and the Article 10 Process, and how this will involve the Town Barker.	Mayor Nellist asked several questions about the project plans, economic development, studies that would be performed, and the permitting processes it would be required to undergo.	Continue to update Mr. Nellist as the project develops and as Apex submits additional documents to the PSC under article 10. Maintain open lines of communication in order to answer any future questions. Request assistance in identifying community group outreach opportunities.
2/11/2015	In-person Meeting	Steve Metivier -- Chief, NY Application Evaluation Section, Regulatory Branch, Buffalo District at US Army Corps of Engineers. Molly Connerton -- Project Manager, Buffalo District of US Army Corps of Engineers. Marty Crosso -- Team Lead, Buffalo District of US Army Corps of Engineers. Apex representatives Dan Fitzgerald and Taylor Quarles.	Formal introduction of Apex Clean Energy and the proposed Lighthouse Wind project. Discussion of US Army involvement in such projects, which included wildlife, wetlands and waterways, native peoples and cultural resources. Also discussed different agencies involved in permitting the proposed project, and the potential overlap in their roles.	Precise communication between Apex and Buffalo District of US Army Corps of Engineers, USFWS, NYS DEC, and other bodies which deal with wetlands and environmental concerns will be crucial to prevent undue overlap and keep everyone updated in order that communication is efficient and studies are effective.	Establish firm lines of communication with designated Buffalo District of US Army Corps of Engineers, which will most likely occur through Molly Connerton and Marty Crosso.
2/11/2015	In-person Meeting	Greg Parker -- Economic Development Specialist II. Apex representatives Dan Fitzgerald and Taylor Quarles	Introduction of Apex Clean Energy and the proposed Lighthouse Wind project to the Empire State Development Corporation.	Discussion of the Empire State Development Corporation's typical involvement with large energy projects, and how interactions will continue in the future.	Schedule meetings with other pertinent members of the Empire State Development Corporation. Establish point person(s), and maintain updates and open communication as Apex continues submitting article 10 documents to the PSC.
2/11/2015	In-person Meeting	Michael Saviola -- Agricultural Resource Specialist, Division of Land & Water Resources, NYS Department of Agriculture & Markets	Introduction of Apex Clean Energy and the proposed Lighthouse Wind project to the NYS Department of Agriculture and Markets.	Discussion of Mr. Saviola's extensive previous experience working with other wind projects in NYS, and how the article 10 permitting process will run versus the previous processes. Preliminary discussion of how the proposed Lighthouse Wind project can address concerns the NYS Department of Agriculture and Markets typically has with wind farms.	Continue with open communication with Mr. Saviola, who will be the designated contact with the NYS Department of Agriculture and Markets. Update Mr. Saviola when Apex submits additional documents to the PSC under Article 10. Continue discussion of satisfying Mr. Saviola in our proposed studies and protocols to be submitted as part of the preliminary scoping statement.

Date of Involvement	Method of Contact	Stakeholders Involved	Purpose of Meeting/ PIP Event	Comments/Stakeholder Feedback	Response/Follow-up Action Items
2/11/2015	Email	Al Isselhard Great Lakes Concerned Citizens Great Lakes Wind Truth Coalition On Article X Lake Ontario Riparian Alliance	Correspondence	<p>Stakeholder made several comments and asked questions below.</p> <ol style="list-style-type: none"> <li>1. Is there another Lighthouse Wind open house scheduled for the Barker, NY fire hall on March 12? (Apex flyer says its a Tuesday but March 12 is a Thursday) Why isn't this open house shown on the Lighthouse Wind website events section? Why is this second open house in Barker taking place - doesn't the first count?</li> <li>2. At what point do Apex payments to the lessors stop?</li> <li>3. Will Apex sign the NYS Wind Industry Ethics Code?</li> <li>4. Will Apex Clean Energy LLC pursue eminent domain procedures (condemnation for utility easements/transmission lines) during the course of developing the Lighthouse Wind project?</li> <li>5. Exactly when will the make, model and number of turbines in the Lighthouse Wind project be announced?</li> <li>6. The Lighthouse Wind blog section says "Cows like wind energy". On what scientific study do you base that conclusion?</li> <li>7. What has Apex done to communicate with Amish and Mennonite communities in the project area of impact?</li> </ol>	<p>Responses below were provided ot the stakeholder:</p> <ol style="list-style-type: none"> <li>1. There is not another open house scheduled at this time. The "flyer" that you refer to was a sample that was provided in the PIP and not an actual advertisement. The latest version of the PIP clearly marks this as a sample and removed the dates.</li> <li>2. At the end of the contracted agreement.</li> <li>3. Apex Clean Energy has not been contacted by the NYS Attorney General in regard to signing the Wind Ethics Code. Nevertheless, Apex incorporates the standards and guidelines of the Code into its Project development practices. We are vigilant with respect to identifying potential conflicts of interest. For example, we ask potential project participants if they are in any elected or appointed positions that could cause a potential conflict.</li> <li>4. It is not currently anticipated that such procedures would be pursued. Apex Clean Energy is not a utility, and we are not eligible as they are to utilize the power of eminent domain to build our projects. We will build facilities in places where private property owners have voluntarily agreed to lease their property to us for this purpose.</li> <li>5. This information will be provided in the Application submitted to the Siting Board. Please see <a href="http://www.lighthousewind.com/article_10">http://www.lighthousewind.com/article_10</a> to learn more about the Article 10 process and the Application submittal timeline.</li> <li>6. If you look at the photo in that posting, it was referencing the fact that the cows seemed to be enjoying the shade provided by the turbine.</li> <li>7. As with other stakeholders in the area, we have spoken with members of the Amish and Mennonite communities at our open houses and offered to meet with them individually or in a group.</li> </ol>
2/11/2015	Email	Al Isselhard Great Lakes Concerned Citizens Great Lakes Wind Truth Coalition On Article X Lake Ontario Riparian Alliance	Correspondence	<ol style="list-style-type: none"> <li>8. What does Apex do when a non-participant land owner doesn't agree to sign a setback waiver or will not agree to permit Apex to bury underground cables across their property for the project?</li> <li>9. Apex plans to have formal consultations with Governmental Stakeholders (page 14 of PIP). Will interested individuals and public interest groups be aware of when/where these consultations will take place and be allowed to attend these consultations?</li> <li>10. The PIP (page 14) says: "Applicant will conduct individual meetings with local government and community leaders, as identified in Appendix B, to keep them informed and updated on Project progress". Are members of the public allowed to attend these meetings and ask questions just the same as the government and community leaders?</li> <li>11. Apex PIP (page 16) says: "No environmental justice issues have been identified in this Project". What studies has Apex done to make this conclusion?</li> <li>12. In view of Apex using a database platform called NationBuilder (<a href="http://www.nationbuilder.com">www.nationbuilder.com</a>), and it is integrated into the Lighthouse Wind website, - will people sharing their email addresses with Apex or Lighthouse Wind or you - have their email addresses given to a third party for email marketing purposes? NationBuilder sounds like personal information about you will be available to others for marketing purposes if you become involved with this project as an interested person - is this true? Can Lighthouse Wind interested parties opt out of NationBuilder?</li> </ol>	<ol style="list-style-type: none"> <li>8. We alter our project plans accordingly. We are only able to build facilities on properties that have been leased to us for this purpose.</li> <li>9. The public outreach steps identified in the PIP are already underway and have been summarized in the latest PIP tracking document. As stated in the PIP a summary of these meetings will be submitted to the Department of Public Service. Some of the outreach efforts will involve local municipal officials as well as interested stakeholder and individual members of the public. With respect to any meetings with public officials, Lighthouse Wind will comply with NY open meeting laws and notice requirements.</li> <li>10. Lighthouse Wind will comply with NY open meeting laws and all notice requirements. These consultations are scheduled at a time and location convenient for the local government and community leaders and, in some instances, may even occur via phone. They are intended to keep public officials informed as to the status of the project and to exchange information. In addition, we will hold sessions for members of the public or individual stakeholders such as yourself to answer questions regarding the project and solicit feedback. This can also be done via email such as we have done in this correspondence and the prior ones.</li> <li>11. This was determined using the New York State Department of Environmental Conservation mapping tool for Environmental Justice Communities.</li> <li>12. This information will be used for Lighthouse Wind project purposes only. No email addresses or other information will be shared with parties outside of Apex, our consultants (for Project work only), and the public Service Commission. Any interested party may choose not to use the tools on our website. Those who do choose to sign up on the website may opt out of emails and text messages, but we are making these tools available to make it as easy and convenient as possible for interested parties to receive information and updates about the project. For those who choose not to sign up on our website, we may be contacted by phone, mail, or email.</li> </ol>

Lighthouse Wind Project Public Involvement Tracking Log as of January 1 - February 28, 2015

Date of Involvement	Method of Contact	Stakeholders Involved	Purpose of Meeting/ PIP Event	Comments/Stakeholder Feedback	Response/Follow-up Action Items
2/11/2015	Email	Al Isselhard Great Lakes Concerned Citizens Great Lakes Wind Truth Coalition On Article X Lake Ontario Riparian Alliance	Correspondence	<p>13. Page 17 of the PIP says "Lighthousewind.com will also feature an up-to-date events calendar" but as yet there is no calendar. Why not?</p> <p>14. Wind Power Monthly in Nov. 2014 says Apex Clean Energy President Mark Goodwin expects that Apex will continue to look to sell projects as they come into operation..... and this is exactly what Apex is doing as Apex just sold several wind plants they owned only a very short time. Can we expect that Apex would own Lighthouse Wind less than a few years before selling it off to a new owner? This is exactly what Goodwin claims is Apex goal and Apex has actively done just exactly that.</p> <p>14. Exactly what is the certification process mentioned on page 21 of the PIP?</p>	<p>13. We are currently performing stakeholder outreach as described in the plan. We are using information gathered during this phase to determine the topics, format, dates, and locations for the next events. Once specific events are scheduled, they will be posted. As noted in our PIP, we will strive to post event listings at least two weeks before these events take place.</p> <p>14. Apex has pursued various forms of project development and construction. Apex completed the development and construction of the Canadian Hills project in Oklahoma. In the case of that project, we did sell the project to another owner/operator once it was operational. The power from the project is being purchased by several different utilities. However, that arrangement is not standard for all of our projects. For example, in the case of the Hoopston Wind project in Illinois and the Cameron Wind project in Texas, Apex will be managing development, construction, and operation of the projects throughout their lives. In these cases, another business will be purchasing the facilities, but Apex will operate them. In the future, Apex does hope to maintain ownership of its projects. But at this point in our company's growth, we need to work with additional partners. It is premature to say how ownership of the Lighthouse Wind project would be structured once (and if) it is built.</p> <p>14. The certification process is the entire process that the project will undergo through the Article 10 Siting process. Our intended end result is the issuance of certificate from the Public Service Commission. To learn more about the Article 10 process, please visit: <a href="http://www.lighthousewind.com/article_10">http://www.lighthousewind.com/article_10</a>.</p>
<b>Upcoming or Planned Activities</b>					
4/1/2015	Open House	Representatives from Apex, members of the public, press, and local government bodies	Increase public awareness of project development and permitting details	Intention to gather stakeholder comments and feedback.	Gather stakeholder feedback and answer any questions in timely manner. Utilize feedback in development of PSS.

Lighthouse Wind Project Event Tracking Log March-April, 2015

Date of Meeting/ Event	Location of Meeting/ Event	Meeting/ Event Attendees	Purpose of Meeting/ Event	Follow-up Action Items	Comments
<b>Completed Activities</b>					
3/5/2015	Lighthousewind.com Blog Post	Visible to all who view the lighthousewind.com blog	Inform stakeholders and local residents of the upcoming open house on April 1, including details of location, date, time, and topics to be covered.		
3/10/2015	NYS DOT Buffalo	Charlie Morganti -- NYSDOT, Tom Messina, Regional Traffic System Operations Engineer, Teri Kelleher, Acting Resident Engineer - Niagara County, Dave Mallow, Assistant Resident Engineer – Niagara County, Frank Cirillo Real Estate Officer II, Carl Bishara, Real Estate Specialist II, Dan Fitzgerald -- Apex Representative	Introduce stakeholder to proposed Lighthouse Wind project, and take any comments or questions for followup.	Continue to update NYSDOT as application progresses through Article 10, especially at junctures which deal with road use/transportation.	
3/24/2015	Town of Yates Board Meeting	Apex representatives Dan Fitzgerald and Taylor Quarles. Members of the Yates, NY town board. Members of the public	Attended due to special use permit before the board for a meteorological tower proposed for Yates.		
3/13/2015	Lighthousewind.com Blog Post	Visible to all who view the lighthousewind.com blog	Posting: "NY Wind Power Record Set on March 2nd" Purpose of post was to highlight NY wind energy milestone, as reported by NYISO		
3/24/2015	Lighthousewind.com email blast	Sent to every email address available through our online platform, lighthousewind.com (162 total)	Email blast to inform stakeholders of upcoming April 1st open house.		
3/24/2015	Lighthousewind.com Blog Post	Visible to all who view the lighthousewind.com blog	Update regarding April 1st open house regarding PSC attendance and presentation topics and timing.		
3/26/2015	Town Hall, Hartland, NY	Ross Annable -- Town of Hartland Supervisor, Taylor Quarles -- Apex Representative	Introduce stakeholder to proposed Lighthouse Wind project, and take any comments or questions for followup.	Continue to update Supervisor Annable and other surrounding towns of the progress of the proposed Lighthouse Wind project as it progresses through Article 10.	

Lighthouse Wind Project Event Tracking Log March-April, 2015

4/1/2015	Open House held at Barker Fire Hall	Andrew Davis, Scott Dean and Andrea Cerbin representing the Public Service Commission, Apex representatives Dan Fitzgerald, Taylor Quarles, Dahvi Wilson, Karlis Povisils, Dave Phillips, Paul Devlin, Ben Kelahan. Over 200 members of the public. Several members of the press.	Provide interested stakeholders and members of the public an opportunity to learn about the proposed Lighthouse Wind project and it's progress in advancing through Article 10. In addition, Andrew Davis of the public service comission offered two 30 minute presentations on the Article 10 process in general.	Continue to provide opportunities for members of the public to stay abreast with the development of the proposed Lighthouse Wind project.	Event Advertised with following methods: Newspaper ads in multiple local papers as identified in PIP, lighthousewind.com(blog post, event post, email blast), local fliers, calls to local government officials, and other methods.
4/7/2015	Lighthousewind.com Blog Post	Visible to all who view the lighthousewind.com blog	Blog Post to provide update on other Apex projects financing, including outline of local benefits provided by other project.		
4/9/2015	Town of Yates Board Meeting	Apex representatives Dan Fitzgerald and Taylor Quarles. Members of the Yates, NY town board. Members of the public	Attended due to special use permit before the board for a meteorological tower proposed for Yates.		
4/17/2015	Lighthousewind.com email blast	Sent to every email address available through our online platform, lighthousewind.com (185 total)	Email blast to inform folks of upcoming panel discussion at GCC Medina Campus		
4/22/2015	Panel Discussion at Medina Campus of Genessee Community College	Organized by LuAnn Tierney, Health Educator, for her students. Jeanne Crane moderated the panel discussion, assisted by four of Mrs. Tierney's students. Dan Fitzgerald and Taylor Quarles represented the proposed Lighthouse Wind project. John Riggi and Suzanne Albright represented Save Ontario Shores. Over 100 members of the public. Scott Dean of Public Service Commission. Several members of the press.	Panel disucssion was intended to offer Mrs. Tierney's students an opportunity to learn more about wind energy and the proposed Lighthouse Wind project. Specifically the discussion focused on the environment, economic effects, and health.	Continue offering outreach to colleges and primary schools in order that students can learn more about wind energy and the proposed Lighthouse Wind project.	Response from students and Mrs. Tierney was very positive, indicating that the event had been very educational, allowing students to form their own opinions on wind energy and the proposed Lighthouse Wind project. Event advertised on lighthousewind.com website

Lighthouse Wind Project Event Tracking Log March-April, 2015

4/22/2015	9th Annual Buffalo EnviroFair, held at the Walden Galleria(mall)	Organized by Paul Mauer. The fair included over 20 exhibitors, all with an emphasis on environmental stewardship. Taylor Quarles represented Apex. Other Exhibitors included "Designing to Live Sustainably"(program of Keep Western NY Beautiful), ReTree WNY, Ms. Utility, Buffalo Zoo, Buffalo Niagara Riverkeeper, CIR Electrical (Solar Installations), and Buffalo Recycling Alliance.	Purpose was to reach out to a broader audience in Niagara County and surrounding area. Apex provided a 3' by 4' informational board on the proposed Lighthouse Wind project, in addition to numerous one pagers for those interested. Taylor was also present to discuss the project and it's potential benefits	Followup with interested members of the public and other exhibitors regarding questions they had on wind energy and the proposed project. Follow up with two teachers/professors regarding the opportunity to come into the classroom and discuss wind energy and the proposed project.	Event advertised on lighthousewind.com
4/23/2015	Orleans County Planning Board Meeting	Apex representatives Dan Fitzgerald and Taylor Quarles. Members of the Orleans County Planning Board. Members of the public.	Attended due to special use permit before the board for a meteorological tower proposed for Yates.		Orleans Planning Board suggested that the meteorological special use permit be granted, with stipulations.
<b>Upcoming or Planned Activities</b>					
5/11/2015	Telephone Town Hall	To further provide information to the public, especially non-resident property owners who cannot easily attend a meeting locally, we will conduct a telephone town hall meetings allowing the public to call into a presentation of material by Lighthouse Wind.  Discussion topics will include the siting process, Article 10 PIP opportunities, health, environment, and economic impacts..			

Lighthouse Wind Project Event Tracking Log March-April, 2015

6/11/2015	Telephone Town Hall	<p>To further provide information to the public, especially non-resident property owners who cannot easily attend a meeting locally, we conducted a telephone town hall meetings allowing the public to call into a presentation of material by Lighthouse Wind.</p> <p>Discussion topics included the siting process, Article 10 PIP opportunities, health, environment, and economic impacts..</p>			
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Lighthouse Wind Project Event Tracking Log May - June, 2015

Date of Meeting/ Event	Location of Meeting/ Event	Meeting/ Event Attendees	Purpose of Meeting/ Event	Follow-up Action Items	Comments
<b>Completed Activities</b>					
5/1/2015	Lighthouse Wind Newsletter	8 Page newsletter provided in depth update on Lighthouse Wind development progress. Newsletter mailed to all households within 1/2 mile of project boundary as defined in PIP.	To provide stakeholders and public with a comprehensive update of the Lighthouse Wind projects development, an outline of Article 10, and a clear description of how to obtain further information and have questions answered.	Follow up with folks who had questions regarding this newsletter or with folks who requested an additional copy.	Additional copies of newsletter and all other mailings available at the Lighthouse Wind office in Barker
5/11/2015	Telephone Town Hall, Held remotely via a telephone dial in number	Dan Fitzgerald(Apex), Taylor Quarles(Apex), Dahvi Wilson(Apex), Dave Phillips(Apex), Ben Callahan(Apex). Members of the public who called into the Telephone Town Hall.	Members of the public were offered a telephone number which they could call into. On the call various members of Apex offered updates, then anyone who called in was allowed to ask questions. This format was used in order to allow folks who don't live in the project area year round to learn more about the project and answer questions.	Perform additional outreach to ensure members of the public know the next Telephone Town Hall is available. Follow up with folks who requested individual meetings.	This format of town hall was intended to offer members of the public who do not reside in the project area year round to learn more about the project and ask questions. This telephone town hall was directly a result of part time residents comments at not attending one of our 3 town halls held in the project area.
5/13/2015	Somerset Town Board Meeting	Dan Fitzgerald(Apex), Taylor Quarles(Apex), Bo Shuff(Apex), Paul Devlin(Apex). Somerset Town Board, members of the public. Members of the press.	Monthly Somerset Board meeting. Dan provided a project update during the public comment period to all who were present. All four members of Apex remained afterwards to answer folks questions and discuss our progress. Following the meeting all members of Apex spoke with members of the board, press, and answered questions regarding the project.	Follow up with folks who had specific questions that couldn't be answered in that setting.	
5/14/2015	Town of Yates Board Meeting	Taylor Quarles(Apex), Dan Fitzgerald(Apex), Bo Shuff(Apex), Paul Devlin(Apex). Yates Town Board. Members of the public. Members of the press.	Monthly Yates Town Board Meeting. Taylor provided an update of the projects progress to the Town Board and all present during the public comment period. Following the meeting all members of Apex spoke with members of the board, press, and public regarding the project and answered questions.	Followup with folks who had specific questions that couldn't be answered in that setting.	

Lighthouse Wind Project Event Tracking Log May - June, 2015

5/26/2015	LighthouseWind.com Blog Post	Posted by Apex. Visible to any stakeholder or member of the public who visits Lighthousewind.com	"Department of Energy Releases New Wind Vision" Blog post included link to the full report in addition to a brief synopsis, noting that the DOE called for 20% of the US energy supply to come from wind by 2030, making it more clear than ever that it is possible for the U.S. to generate a significant portion of its power from land-based wind. The report also outlined the numerous benefits the US will receive from increasing our domestic production of wind energy, including reduced pollution, increased domestic employment, consumer cost savings, water conservation, nationwide availability, increased community revenues, and others.		
6/3/2015	Barker Lions Club Montly Meeting.	Dan Fitzgerald(Apex), Taylor Quarles(Apex), approximately 30 members of the Barker Lions Club.	Monthly Lions Club meeting including dinner and other unrelated business. Dan and Taylor were featured speakers, spending about 10 minutes describing the project and progress, and another 20 minutes answering questions	Follow up with folks who requested individual meetings or had specific questions which couldn't be answered in that setting.	
6/5/2015	Meeting with representatives of Yates Town Board and their attorney	Dan Fitzgerald(Apex), Taylor Quarles(Apex), Jim Muscato(Apex Lawyer), Dan Spitzer(Yates Lawyer), John Belson(Yates Supervisor), Wes Bradley(Yates Councilman)	Meeting to discuss legal aspects of special use permit under review. Meeting also covered potential escrow agreement in the case that the town was liable for legal costs not covered by Article 10 intervenor funding, such as litigation that was threatened in several instances during public meetings.	Keep open lines of communication.	

Lighthouse Wind Project Event Tracking Log May - June, 2015

6/8/2015	Introductory in person meeting with DPS and DEC regarding Lighthouse Wind project	Dan Fitzgerald(Apex), Taylor Quarles(Apex), Dave Phillips(Apex), Diane Sullivan(Haley Aldrich), Jim Pippin(Haley Aldrich), James Muscato(Young/Sommer Assoc.), Andrew Davis(NYS DPS), Heather Behnke(NYS DPS) John Quackenbush(NYS DPS), Erin Odell(Keller(NYS DPS), Rudyard Edick(NYS DEC Central Office), Brianna Gary(NYS DEC Central Office), Larry Weintraub(NYS DEC Central Office), Kara Pawlsen(NYS DEC Intern), Ashley Fischer(NYS DEC Intern), Charles Rosenberg(NYS DEC Region 9), Anne Rothrock(NYS DEC Region 9), Connie Adams(NYS DEC Region 9), Mike Wasilco (NYS DEC Region 8), Heidi Kennedy(NYS DEC Region 8)	In person introductions of Apex, Haley Aldrich, Young Sommer, NYS DEC and NYSDPS staff. Dan Fitzgerald offered project description summary and update of project activities and schedule. Andrew Davis offered an Article 10 process overview focusing on the Preliminary Scoping Statement. Diane Sullivan offered an update on the content and development of the Preliminary Scoping Statement, and a summary of the project studies and scopes to support the final application. Finally, a discussion on next steps was held.	Continue providing updates on the PSS submittal and content, and coordinating on scopes of studies with pertinent agencies. Establish more regular communication channels.	All involved agreed that discussion would be greatly fostered by the upcoming Preliminary Scoping Statement (PSS).
6/10/2015	Somerset Town Board Meeting	Dan Fitzgerald(Apex), Taylor Quarles(Apex), Bo Shuff(Apex), Paul Devlin(Apex), Yates Town Board, Members of Public, Members of Press	Monthly Yates Town Board Meeting. Dan provided an update of the projects progress to the Town Board and all present during the public comment period. Following the meeting all members of Apex spoke with members of the board, press, and public regarding the project and answered questions.	Follow up with folks who requested individual meetings or call backs.	
6/11/2015	Telephone Town Hall #2, held remotely via a telephone dial in number	Dan Fitzgerald(Apex), Taylor Quarles(Apex), Dahvi Wilson(Apex), Dave Phillips(Apex), Ben Callahan(Apex). Members of the public who called into the Telephone Town Hall.	Members of the public were offered a telephone number which they could call into. On the call various members of Apex offered updates, then anyone who called in was allowed to ask questions. This format was used in order to allow folks who don't live in the project area year round to learn more about the project and answer questions.	Follow up with folks who requested individual meetings or call backs.	For the second Telephone Town Hall greater effort was put into informing members of the public regarding the event. This was performed via online advertising and calls to folks homes to let them know the event were occurring, then callbacks when the event began had they opted in. Participation averaged around 40 members of the public. In addition to a general project update 7 different public questions were answered to all on the call.



Lighthouse Wind Project Event Tracking Log July-August, 2015

Date of Meeting/ Event	Location of Meeting/ Event	Meeting/ Event Attendees	Purpose of Meeting/ Event	Follow-up Action Items	Comments
<b>Completed Activities</b>					
7/2/2015	lighthousewind.com blog post	Posted by Lighthouse Wind, visible by all stakeholders and members of the public.	"Meteorological Tower Installed In Yates" -- Post provided update that the second meteorological tower for the project was fully operational.	Answer any questions stemming from this post.	
7/6/2015	lighthousewind.com blog post	Posted by Lighthouse Wind, visible by all stakeholders and members of the public.	"Office Hours: Week of July 6-10" -- Post intended to let stakeholders and members of the public know that we had opened an office in downtown Barker, NY. The post clearly stated our office hours, and encouraged them to stop by and learn more about the project.	Answer any questions stemming from this post, and receive visitors during posted office hours. Future office hours posted in the "events" section of lighthousewind.com	
7/6-7/9 2015	Lighthouse Wind Office Hours	9-1 Monday, 9-1 Tuesday, 1-5 Wednesday, 9-1 Thursday	At least one Lighthouse Wind representatives present at Barker, NY office to receive visitors and discuss the project with anyone interested.	With visitors consent, provide them email or telephone updates on project throughout development.	
7/8/2015	Somerset Town Board Meeting	Taylor Quarles(Lighthouse Wind), Yates Town Board, Members of Public, Members of Press	Monthly Yates Town Board Meeting. Taylor provided an update of the projects progress to the Town Board and all present during the public comment period. Following the meeting Taylor was available to speak with members of the board, press, and public regarding the project.	Follow up with folks who requested individual meetings or call backs.	
7/9/2015	Yates Town Board Meeting	Taylor Quarles (Lighthouse Wind), Town Board, Members of Public, Members of Press	In addition to the regular Yates Town Board meeting activities, Taylor offered an update on the project development activities. Following the meeting Taylor was available to speak with members of the board, press, and public regarding the project.	Follow up with folks who requested individual meetings or had specific questions which couldn't be answered in that setting.	
7/13/2015	Lighthouse Wind Visual Impact Assessment (VIA) mailing	Mailing sent to certain elected officials from the towns of Yates and Somerset and the Counties of Orleans and Niagara, and the Golden Hill State Park and Campground Manager.	Mailing requested that these stakeholders offer suggestions for important locations within the project study area that they would like included in the future VIA study.	Follow up with these stakeholders questions, and as the VIA process continues.	Response rate was very low. Two different stakeholders refused to offer any comment by letter. During 8/27/2015 meeting with Golden Hill State Park officials discussion of potential VIA picture locations occurred.
7/13-7/16 2015	Lighthouse Wind Office Hours	9-1 Monday, 9-1 Tuesday, 1-5 Wednesday, 9-1 Thursday	Lighthouse Wind representatives present at Barker, NY office to receive visitors and discuss the project with anyone interested.	With visitors consent, provide them email or telephone updates on project throughout development.	

Lighthouse Wind Project Event Tracking Log July-August, 2015

7/14/2015	Lighthouse Wind meeting with NYS Parks and DEC	<p>Dan Fitzgerald, Senior Development Manager(Lighthouse Wind)                  Taylor Quarles, Development Manager (Lighthouse Wind)                  Dave Phillips, Environmental and Wildlife Permitting Director (Lighthouse Wind) (by phone)                  James Muscato, Project Counsel (Young/Sommer)                  Diane Sullivan, Project Consultant (Haley &amp; Aldrich) (by phone)                  Andrew Davis (NYS DPS POC DPS Staff; Office of Energy Efficiency &amp; Environment)                  Heather Behnke, Counsel (NYS DPS)                  John Quackenbush (NYS DPS Office of Energy Efficiency &amp; Environment)                  Rudyard Edick (NYSDEC (Central Office) POC DEC Staff; Permitting)                  Diana Carter, Director of Planning (NYS Parks)                  Nathan Krish, Mapping Technician (NYS Parks)                  Karen Terbush, Environmental Analyst (NYS Parks)                  Ron Peters, Deputy General Manager, Niagara Region (NYS Parks) (by phone)                  Joe Rychcik, General Park Manager, Niagara Region (NYS Parks) (by phone)                  Eric Hoppe, Golden Hill State Park Manager (NYS Parks) (by phone)</p>	<p>Introduce NYS parks stakeholders to the proposed Lighthouse Wind project. Describe intended schedule of a10 submissions, and request feedback for upcoming PSS.</p>	<p>Continue to update both NYS Parks, DEC and other stakeholders on Lighthouse Wind's development progress. Coordinate the sharing of GIS and other data to facilitate understanding of historic, cultural, and other resources in area. Send letter to identified stakeholder municipalities in order to gain feedback in identifying resources. Coordinate follow-up meeting following submission of PSS including local NYS parks officials either in project area or Albany.</p>	
7/17/2015	Lighthouse Wind Informational Mailing: Property Values	<p>Mailing sent to 4,748 home addresses identified in project study area.</p>	<p>Informational mailing included basic introductory information on the proposed Lighthouse Wind project as well as quotes and statistics of property data from towns and counties with existing wind projects.</p>	<p>Respond to questions regarding this mailing.</p>	
7/22/2015	Launch Lighthouse Wind Facebook Page	<p>Lighthouse Wind Team</p>	<p>Utilize Lighthouse Wind Facebook page as an additional method for keeping stakeholders and the general public aware of project development. Additionally use the Facebook page to foster discussion and advertise events. Finally use the page as an educational resource for wind energy topics.</p>	<p>Keep up to date posts which correlate to the Lighthouse Wind projects development. Remain responsive to stakeholder and public questions posed on Facebook page, similar to email responses.</p>	
7/20-7/23 2015	Lighthouse Wind Office Hours	<p>9-1 Monday, 9-1 Tuesday, 1-5 Wednesday, 9-1 Thursday</p>	<p>At least one Lighthouse Wind representatives present at Barker, NY office to receive visitors and discuss the project with anyone interested.</p>	<p>With visitors consent, provide them email or telephone updates on project throughout development.</p>	
7/24/2015	Lighthouse Wind Informational Mailing: Community Benefits	<p>Mailing sent to 4,748 home addresses identified in project study area.</p>	<p>Informational mailing included basic introductory information on the proposed Lighthouse Wind project and benefits the community could expect from the construction of the proposed project.</p>	<p>Respond to questions regarding this mailing.</p>	
7/27-7/30	Lighthouse Wind Office Hours	<p>9-1 Monday, 9-1 Tuesday, 1-5 Wednesday, 9-1 Thursday</p>	<p>At least one Lighthouse Wind representative present at Barker, NY office to receive visitors and discuss the project with anyone interested.</p>	<p>With visitors consent, provide them email or telephone updates on project throughout development.</p>	

Lighthouse Wind Project Event Tracking Log July-August, 2015

7/29/2015	lighthousewind.com blog post	Posted by Lighthouse Wind, visible by all stakeholders and members of the public.	"Lighthouse Wind Sponsoring Orleans County 4-H Fair" -- Post intended to inform stakeholders and members of the public of our sponsorship, and that Lighthouse Wind representatives would be available in person in a booth at the fair to talk with folks about the proposed Lighthouse Wind project.	Received visitors at the fair.	
7/27/2015-8/1/2015	Orleans County Fair	Lighthouse Wind provided fair sponsorship. Lighthouse Wind representatives Taylor Quarles, Carmen O'Keefe and Patrick Brown were present during fair hours to discuss the project.	Fair attendance of over 30k. Sponsorship supported 4H mission. Lighthouse Wind in person presence throughout Fair and advertising presence created numerous opportunities for educating members of the community on the Lighthouse Project.	Lighthouse Wind representative posted clear notice on our office storefront that we were present at the Orleans 4-H Fair.	Throughout the fair numerous people stopped by to learn more about the proposed Lighthouse Wind project. Of these, about 40 signed up to receive updates and further information about the projects development, and be notified of future public outreach opportunities.
8/5/2015-8/9/2015	Niagara County Fair	Lighthouse Wind providing sponsorship. Lighthouse Wind representatives Taylor Quarles, Carmen O'Keefe, Bo Shuff and John Callaway were present during fair hours to discuss the project.	Fair attendance of over 30k. Sponsorship supported 4H mission. Lighthouse Wind in person presence throughout Fair and advertising presence created numerous opportunities for educating members of the community on the Lighthouse Project.	Lighthouse Wind representative posted clear notice on our office storefront that we were present at the Niagara 4-H Fair.	Throughout the fair numerous people stopped by to learn more about the proposed Lighthouse Wind project. Of these, about 45 signed up to receive updates and further information about the projects development, and be notified of future public outreach
8/6/2015	lighthousewind.com blog post	Posted by Lighthouse Wind, visible by all stakeholders and members of the public.	"Yates Met Tower Fully Operational" -- Post described incident which took place on August 4th, 2015 when the meteorological tower in yates had two guy wires severed by a mower. Met towers are designed to be redundantly reinforced, and 22 guy wires remained in place to support the tower. Lighthouse Wind representative Taylor Quarles immediately drove to the site and re-attached the two guy wires to their anchor. Simultaneously he arranged for the meteorological tower specialists who installed the tower to return to the site to adjust the cable tension and confirm the tower was in full working order. By August 6th at lunchtime, the meteorological tower specialists confirm the tower was in full operating order.	Answer any questions stemming from this post.	
8/10-8/13 2015	9-1 Monday, 9-1 Tuesday, 1-5 Wednesday, 9-1 Thursday	At least one Lighthouse Wind representative present at Barker, NY office to receive visitors and discuss the project with anyone interested.	With visitors consent, provide them email or telephone updates on project throughout development.		
8/10/2015	Yates Town Board Workshop Meeting	Lighthouse Wind representative Taylor Quarles, Town of Yates board members, several members of public.	Taylor was present at the meeting to answer any questions that arose regarding the project		
8/12/2015	Town of Somerset Board Meeting	Taylor Quarles (Lighthouse Wind), Somerset Town Board, Members of Public, Members of Press	Monthly Somerset Town Board Meeting. Taylor provided an update of the projects progress to the Town Board and all present during the public comment period. Following the meeting Taylor was available to speak with members of the board, press, and public regarding the project.	Follow up with folks who requested individual meetings or call backs.	
8/13/2015	Town of Yates Board Meeting	Taylor Quarles (Lighthouse Wind), Yates Town Board, Members of Public, Members of Press	Monthly Yates Town Board Meeting. Taylor provided an update of the projects progress to the Town Board and all present during the public comment period. Following the meeting Taylor was available to speak with members of the board, press, and public regarding the project.	Follow up with folks who requested individual meetings or call backs.	



Lighthouse Wind Project Event Tracking Log September-October, 2015

Date of Meeting/ Event	Location of Meeting/ Event	Meeting/ Event Attendees	Purpose of Meeting/ Event	Follow-up Action Items	Comments
<b>Completed Activities</b>					
8/31/2015-9/3/2015	Lighthouse Wind Office Hours	9-1 Monday, 9-1 Tuesday, 1-5 Wednesday, 9-1 Thursday	Lighthouse Wind representative present at Barker, NY office to receive visitors and discuss the project with anyone interested.	With visitors consent, provide them email or telephone updates on project throughout development.	
9/7/2015-9/10-2015	Lighthouse Wind Office Hours	9-1 Monday, 9-1 Tuesday, 1-5 Wednesday, 9-1 Thursday	Lighthouse Wind representative present at Barker, NY office to receive visitors and discuss the project with anyone interested.	With visitors consent, provide them email or telephone updates on project throughout development.	
9/9/2015	Somerset Town Board Meeting	Carmen O'Keefe(Lighthouse Wind), Yates Town Board, Members of Public, Members of Press	Monitor discussion topics and collect any pertinent stakeholder input.	Follow up with individuals who requested meetings or had specific questions which couldn't be answered in that setting.	
9/10/2015	Yates Town Board Meeting	Carmen O'Keefe (Lighthouse Wind), Town Board, Members of Public, Members of Press	Monitor discussion topics and collect any pertinent stakeholder input.	Follow up with individuals who requested meetings or had specific questions which couldn't be answered in that setting.	
9/14/2015-9/17/2015	Lighthouse Wind Office Hours	9-1 Monday, 9-1 Tuesday, 1-5 Wednesday, 9-1 Thursday	Lighthouse Wind representative present at Barker, NY office to receive visitors and discuss the project with anyone interested.	With visitors consent, provide them email or telephone updates on project throughout development.	
9/21/2015-9/24/2015	Lighthouse Wind Office Hours	9-1 Monday, 9-1 Tuesday, 1-5 Wednesday, 9-1 Thursday	Lighthouse Wind representative present at Barker, NY office to receive visitors and discuss the project with anyone interested.	With visitors consent, provide them email or telephone updates on project throughout development.	
9/25/2015	NYSDOS -- 1 Commerce Plaza, Albany, NY	Apex staff and representatives met with PSC staff and NYSDOS staff, including Jeff Herter(NYSDOS), Mina Innes(NYSDOS), and Matthew Maraglio(NYSDOS).	Apex staff provided description of the proposed Lighthouse Wind project, its development progress, and future projected schedule, with a focus put on coastal consistency review. Apex staff answered NYSDOS staff questions and recorded issues that they may want addressed in the future.	Follow up with NYSDOS regarding coastal consistency as the project progresses further through Article 10.	
9/28/2015-10/1/2015	Lighthouse Wind Office Hours	9-1 Monday, 9-1 Tuesday, 1-5 Wednesday, 9-1 Thursday	Lighthouse Wind representative present at Barker, NY office to receive visitors and discuss the project with anyone interested.	With visitors consent, provide them email or telephone updates on project throughout development.	
10/5/2015-10/8/2015	Lighthouse Wind Office Hours	9-1 Monday, 9-1 Tuesday, 1-5 Wednesday, 9-1 Thursday	Lighthouse Wind representative present at Barker, NY office to receive visitors and discuss the project with anyone interested.	With visitors consent, provide them email or telephone updates on project throughout development.	

Lighthouse Wind Project Event Tracking Log September-October, 2015

10/5/2015	Barker Central School District	Roger Klatt(superintendent), Dan Fitzgerald (Apex)	Provided an update on the development of Lighthouse Wind project. Answered questions and took notes on comments and issues.	Follow up as discussions over the community benefits package (PILOT and HCA) are discussed in further detail. Ensure coordination during construction to ensure that these activities do not interfere unduly with school activities.	
10/6/2015	Lyndonville CSD	Jason Smith (Superintendent), John Wolski (Lyndonville CSD administrator), Ted Lewis(Lyndonville Board of Education), Dan Fitzgerald (Apex), Taylor Quarles (Apex)	Provided an update on the development of Lighthouse Wind project. Answered questions and took notes on comments and issues.	Follow up as discussions over the community benefits package (PILOT and HCA) are discussed in further detail. Ensure coordination during construction to ensure that these activities do not interfere unduly with school activities.	
10/6/2015	Assemblyman Hawley's Office in Albion	Stephen Hawley (NYS Assemblyman District 139), Dan Fitzgerald (Apex)	Met with Assemblyman Hawley and provided an update on the development of Lighthouse Wind, focusing on Article 10 permitting activities and public outreach.	Follow up with Assemblyman Hawley upon the filing of the Preliminary Scoping Statement.	
10/7/2015	Assemblywoman Corwin's Office	Jane Corwin (NYS Assemblywoman District 144), Dan Fitzgerald (Apex), Taylor Quarles (Apex)	Met with Assemblywoman Corwin and provided an update on the development of Lighthouse Wind, focusing on Article 10 permitting activities and public outreach.	Follow up with Assemblywoman Hawley upon filing of the Preliminary Scoping Statement.	
10/8/2015	Yates Town Board Meeting	Taylor Quarles (Lighthouse Wind), Town Board, Members of Public, Members of Press	In addition to the regular Yates Town Board meeting activities, offered an update on the project development activities. Following the meeting spoke with members of the board, press, and public regarding the project.	Follow up with individuals who requested individual meetings or had specific questions which couldn't be answered in that setting.	
10/12/2015-10/15/2015	Lighthouse Wind Office Hours	9-1 Monday, 9-1 Tuesday, 1-5 Wednesday, 9-1 Thursday	Lighthouse Wind representative present at Barker, NY office to receive visitors and discuss the project with anyone interested.	With visitors consent, provide them email or telephone updates on project throughout development.	
10/14/2015	Somerset Town Board Meeting	Taylor Quarles(Lighthouse Wind), Yates Town Board, Members of Public, Members of Press	In addition to the regular Somerset Town Board meeting activities, offered an update on the project development activities. Following the meeting spoke with members of the board and public regarding the project.	Follow up with individuals who requested individual meetings or had specific questions which couldn't be answered in that setting.	
10/19/2015-10/22/2015	Lighthouse Wind Office Hours	9-1 Monday, 9-1 Tuesday, 1-5 Wednesday, 9-1 Thursday	Lighthouse Wind representative present at Barker, NY office to receive visitors and discuss the project with anyone interested.	With visitors consent, provide them email or telephone updates on project throughout development.	

Lighthouse Wind Project Event Tracking Log September-October, 2015

10/20/2015	Lockport Rotary	Members of Lockport Rotary, Dan Fitzgerald (Apex), Taylor Quarles (Apex)	Presentation outlining background on Apex and the Lighthouse Wind project, current focus of the project development, and future planned activities. There was a focus on community benefits. This was followed by a question and answer period.	Follow-up with member who had questions. Potentially seek to present again in the future after the application is submitted.	
10/22/2015	Newfane Town Hall	Tim Horanburg (Supervisor), Taylor Quarles (Apex)	Met with Supervisor Horanburg, and provided an overview of the Lighthouse Project, with a focus on how it may impact Newfane. Answered questions and took notes on comments and issues.	Keep open lines of communication, and follow-up once the Preliminary Scoping Statement is submitted.	
10/26/2015-10/29/2015	Lighthouse Wind Office Hours	9-1 Monday, 9-1 Tuesday, 1-5 Wednesday, 9-1 Thursday	Lighthouse Wind representative present at Barker, NY office to receive visitors and discuss the project with anyone interested.	With visitors consent, provide them email or telephone updates on project throughout development.	
<b>Upcoming or Planned Activities</b>					
Various Dates	Informational Mailings	Lighthouse Wind Team to send multiple mailings to entire project area plus buffer area.	Mailings will cover project development progress, project benefits, property values and other issues. To be sent on dates determined by Apex.	Follow up with supporters identified in mailings. Follow up with any questions regarding mailings.	