

Lighthouse Wind Project Email Tracking Log March-April, 2015

Hour	Date	First Name	Last Name	Zip	Message Author	Message/Logged Contact
11:21:01	11-Mar-15	Suzanne	Albright	14612	Daniel Fitzgerald	<p>Email form Suzanne Albright 3/10/2015</p> <p>Good Morning,</p> <p>I am wondering about the upcoming open house you have scheduled for the Barker Fire Hall on April 1.</p> <p>Is this going to be different from the first open house you had there? Is there new information? If so, what will be different?</p> <p>Is it being directed to a new or different population of residents?</p> <p>Thank You, Suzanne</p>
11:26:20	11-Mar-15	Suzanne	Albright	14612	Daniel Fitzgerald	<p>Ms. Albright,</p> <p>In regard to your questions regarding the upcoming open house, it will be similar to the two other open houses we had in format. Most of the same information will be provided and include any updates to the information based upon any project advancements and the status of the Article 10 process.</p> <p>For future correspondence, please send emails to info@lighthousewind.com for quick response and recording in the public involvement log.</p> <p>Thank you.</p>
23:16:18	24-Mar-15	Alan	Aszkler		Alan Aszkler	<p>- Now that we have documented cases that these windmills produce low frequency sound waves and constant seismic waves at the foundation. How is that going to affect the lake?</p> <p>Alan Aszkler 21 Towpath Trail Fairport NY</p>
15:34:59	7-Apr-15	Alan	Aszkler		Taylor Quarles	<p>Alan,</p> <p>Thanks for sending us this question, and please pardon my delay in responding.</p> <p>You are correct that wind turbines produce low frequency sound, commonly called infrasound. Like many other things in our lives, turbines produce very low levels of infrasound. In fact, at a distance of 328' from a turbine, infrasound levels are lower than those 82' from typical waves on the beach. As you probably know, lake Ontario frequently has rather intense waves; these waves will produce much more infrasound than the turbines, which will all be sited south of lower lake road.</p> <p>All available peer reviewed literature to date indicates that audible sound and infrasound from responsibly sited turbines do not have negative impacts on human health or their environment. I am happy to go into more detail on this issue if you like. Feel free to reach out by phone or email with additional questions.</p> <p>Sincerely, Taylor Quarles</p>

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13:40:37	10-Apr-15	Alan	Aszkler		Alan Aszkler	<p>Thank you for the response I appreciate your information.</p> <p>I would like to see the links to the peer reviewed information. NYS banned fracking based on peer reviewed data that was written by those who are strongly opposed to fracking who used fraudulent data the was not challenged by the other peers because all of them were also strongly against fracking. So I would like to review the data and see who supplied it and who the peers are.</p> <p>Your example of infrasound comparing waves to windmills is comparing the chaotic and random infrasound of waves. Waves that are dampered by a sand substraight signifcantly reducing the infrasound. Waves also have a full spectrum of wavelengths and harmonics that will further cancel each other out.</p> <p>Windmills will have a narrow and repetitive wavelength causing natural amplification for the harmonic and since they are high above the waves and sand and beach there is little dampering. Also the Windmills are anchored to bedrock where the seismic waves follow the same natural harmonic amplification of the repetitive wavelength. its sympathetic vibration not random white noise.</p> <p>So if you could please provide the peer study so I may research the data.</p> <p>Thank You Alan Aszkler</p>
20:56:42	7-May-15	Alan	Aszkler		Taylor Quarles	<p>Alan,</p> <p>Please pardon my delay in responding to your question regarding low frequency noise/infrasound. In regards to the response time, I have striven to respond to every question or comment received within 10 days, however, due to the high level of public involvement in the process at this early stage, there have been instances where this was not possible, and we are taking steps to address that issue.</p> <p>Let me address our broader permitting requirements ahead. The proposed Lighthouse Wind project is still at an early stage of development. Before we receive a permit to build this project through Article 10, we will need to submit our Preliminary Scoping Statement (PSS), and Application, in that order. After each submission there will be a period of public comment. I would encourage you to refer to the Article 10 requirements in order to read what we will be required to submit in our PSS and Application, and understand that this information will be reviewed by the siting board, on which the NYS Department of Health has a permanent seat.</p> <p>Within the article 10 law, the most pertinent section to our discussion which I have found is 1001.19 Exhibit 19: Noise and Vibration. You can refer to this section of the Article 10 law here, beginning on page 27. Forgive me for not posting it in this email, but it is close to three pages long: http://www3.dps.ny.gov/W/PSCWeb.nsf/96f0fec0b45a3c6485257688006a701a/143595fa3be36aea852579d00068b454/\$FILE/Article%2010%20Regulations.pdf</p> <p>I will however post the two sections of exhibit 19 which mention infrasound or low frequency sound. These excerpts are describing a small portion of our required submissions under article 10.</p>

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20:56:42	7-May-15	Alan	Aszkler		Taylor Quarles	<p>(e) An evaluation of future noise levels during operation of the facility, related facilities and ancillary equipment including predicted Aweighted/dBA sound levels, , prominent discrete (pure) tones, and amplitude modulated sound, at potentially impacted and representative noise receptors, using computer noise modeling, and an analysis of whether the facility will produce significant levels of low frequency noise or infrasound.</p> <p>(k) An evaluation of the following potential community noise impacts: hearing damage (as addressed by applicable Occupational Safety and Health Administration standards); indoor and outdoor speech interference; interference in the use of outdoor public facilities and areas; community complaint potential; the potential for structural damage; and the potential for interference with technological, industrial or medical activities that are sensitive to vibration or infrasound.</p> <p>I wanted to point these sections out because your questions directly reference the requirements of article 10. I hope that in conjunction with the NYS Department of Health sitting on the siting board, these comprehensive and transparent requirements can demonstrate that there are many details regarding the project and your specific questions that are forthcoming in our PSS and Application.</p> <p>I will respond in a separate email regarding specific studies.</p> <p>Sincerely, Taylor Quarles</p>
15:56:38	6-Apr-15	Robert	Batt		Taylor Quarles	<p>Robert,☒</p> <p>My name is Taylor Quarles. I am one of the two developers with Apex focusing on our NY projects.</p> <p>Thanks for your message(below) regarding the potential for Apex to have a sponsorship and/or presence at the Orleans 4-H sponsored county fair. This is certainly something that interests us, as we are constantly working to get our message out and teach folks about wind energy. Lets plan a time to talk by phone so I can learn a bit more about the event and potential commitment. ☒</p> <p>You can call me at my office: 434-328-2293 ☒ or my cell: 434-806-4845.☒</p> <p>I look forward to hearing from you.☒</p> <p>Taylor</p>

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13:32:40	7-Apr-15	Robert Batt	Robert Batt		<p>Thank you again for taking the time to consider our fair. Again the link to our site is Orleans4-hfair.com. Attached is the sponsorship letter and form which we use. Not listed on this form, but options at the health or higher level are entertainments including Pork Chop Revue, a show with full size pigs that do stunts or Lee and Judy Germain, magicians. ☒</p> <p>Just to give a little more info on our fair being a youth fair... As a youth fair we're a non-profit and just a program of our local Cooperative Extension. The fair is run by a committee of volunteers and is the same as any other county fair in the state. Being a youth fair also means that our shows are youth shows and not open shows. This means our competitive exhibits have the mission of youth development. ☒</p> <p>One other thing I always feel is important to point out is our pricing for fairgoers. One of the goals of our fair is to continue to offer all of our entertainment, shows and exhibits at the lowest possible price to the community. We do this by having amazing sponsors. The cost of admission to our fair is \$5 per car, no matter how many people are inside and we do not charge for parking. After you get to the fair other than food and rides everything is included in that \$5 admission. This is something we are very proud of.☒</p> <p>Thanks again for taking the time to talk to me. ☒</p> <p>Robert Batt☒ Orleans County 4-H Youth Development Educator☒ 12690 NYS Route 31☒ Albion, NY 14411☒ 585-798-4265 Ext. 22☒ Support while you shop @ http://smile.amazon.com/ch/16-6072890☒</p>
21:31:22	2-Apr-15	Gail Damon	Gail Damon		<p>What are your setback distances from a wind turbine to a:</p> <ol style="list-style-type: none"> 1. Non-residential building/structure 2. Residential building 3. Pond 4. Road 5. Lake 6. Property line 7. Non-lease Property line 8. Creek 9. Existing Power line 10. Underground water line/sewer 11. Underground power lines <p>Looking forward to your response.</p> <p>Bob and Gail Damon 9142 Lower Lake Road Barker, NY 14012</p> <p>Sent from Samsung tablet</p>

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15:50:50	14-Apr-15	Gail	Damon		Gail Damon	<p>Taylor,</p> <p>Could you tell me how many projects has APEX had that have included wind turbines of 570 feet? If there has been a project like that, where is it located?</p> <p>Gail Damon</p> <p>Sent from Samsung tablet</p>
11:51:36	16-Apr-15	Gail	Damon		Taylor Quarles	<p>Gail,</p> <p>Specific setback distances have not yet been determined. Occupied homes as well as many of the other points of importance which you identified in your email will have setbacks. Various setback distances for distance, noise level, and shadow flicker will be compiled based upon existing the specifications of the proposed wind turbine generator, local ordinances, consultation with various stakeholders such as the New York State Public Service Commission, New York State Department of Environmental Conservation, Army Corps of Engineers, and many other stakeholders consulted throughout the process. We are actively performing these consultations. The setback distances used will be included in the documents accompanying any layouts.</p> <p>Sincerely,</p> <p>Taylor Quarles</p>
15:15:08	16-Apr-15	Gail	Damon		Gail Damon	<p>Taylor,</p> <p>Thank you for your response. I am a little disappointed but understand that you could not provide me with specific information as requested. During the public meeting at the Barker Fire hall on April 1, 2015 , one of your coworkers mentioned setback dimensions as part of his presentation. In addition, information on each towns setback requirements were tag at the bottom of the presentation board. I was just looking to confirm the dimensions that were presented in your pubic meeting and was unaware that this information has in fact not been determined.</p> <p>Per your response I will rephrase my question to be more specific to the following line copied from your response: "Various setback distances for distance, noise level, and shadow flicker will be compiled based upon existing the specifications of the proposed wind turbine generator,"</p> <p>Question: What is the setback distances for the following items from the proposed wind turbine generators for this project based on only the specifications of these proposed wind turbine generators for distance, noise level, and shadow flicker?</p>

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15:15:08	16-Apr-15	Gail	Damon		<p>Gail Damon</p> <p>From the wind turbine to:</p> <ol style="list-style-type: none"> 1. Non-residential building/structure? 2. Residential building? 3. Pond? 4. Road? 5. Lake? 6. Property line? 7. Non-lease Property line? 8. Creek? 9. Existing Power line? 10. Underground water line/sewer? 11. Underground power lines? <p>I am glad to see that you are working with other Government agencies to determine the final distances. I understand that these final distances are not set yet. I was just looking for information only based on the specifications of the proposed wind turbines for this project.</p> <p>We are looking forward to your timely response.</p> <p>Bob and Gail Damon 9142 Lower Lake Road Barker, NY 14012</p>
14:45:51	1-May-15	Gail	Damon		<p>Gail Damon</p> <p>Hi Taylor,</p> <p>I was wondering if you could give me some insight as to the huge "X" on Burgess road and how it pertains to the wind project?</p> <p>Gail Damon</p> <p>Sent from Samsung tablet</p>
15:07:03	1-May-15	Gail	Damon		<p>Taylor Quarles</p> <p>Gail,</p> <p>Could you point out where you are seeing this 'X'?</p> <p>Taylor</p>

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15:14:47	1-May-15	Gail	Damon		Taylor Quarles	<p>Gail,</p> <p>The setback distances mentioned at the open house were intended to be illustrative of the process we will be following once the project gets further along in it's development. It is true that each town has a wind ordinance with some specific setbacks. These laws are available through each jurisdiction.</p> <p>My intention in my previous response was to inform you that, like we mentioned in our open house presentations, there will be numerous different setbacks followed for distance, noise and shadow flicker. At this stage in the development process we have not proposed any specific turbine locations, or specific turbine models. When we get to that stage I believe that our preliminary scoping statement and application will offer the answers to many of your questions.</p> <p>I encourage everyone to refer to the article 10 law, as it comprehensively states what will be required of our future submissions. You can find the document online here: http://www3.dps.ny.gov/W/PSCWeb.nsf/96f0fec0b45a3c6485257688006a701a/143595fa3be36aea852579d00068b454/\$FILE/Article%2010%20Regulations.pdf</p> <p>Thank You.</p> <p>Taylor</p>
17:38:43	4-Apr-15	ruth	doughty		ruth doughty	<p>Below is a copy of a letter I sent on March 31st, 2015 to Dan Fitzgerald. What are your answers to these inquiries?</p> <p>Hello Mr. Fitzgerald,</p> <p>After meeting with you in early March (with my sister, Susan Dudley) and after doing more reading about wind energy, I have many questions about the Lighthouse Wind project. Here are just a few for now:</p> <ul style="list-style-type: none"> --what is the size of the pad for a 570' turbine (depth, outside, etc). How are the pads installed? --what is the timeline of construction for a turbine once approved? How deep are pylons or support system and how are they installed? --in a previous email from Susan, you addressed possible effects on property value. In your response, you directed us to the Berkeley Labs study: A Spatial Hedonic Analysis of the Effects of Wind Energy Facilities on Surrounding Property Values in the United States as an assurance of little to no effect on property values. After reviewing this study and specifically the map of US windfarms and areas studied, I see that NONE of them are situated as close to lakefront as Lighthouse wind turbines are expected to be placed. How then can this study be valid for this project? --If Apex is so certain of no reduction in property value, are they (or the future owners) willing to guarantee assessed property value or buy our property at pre construction market value? --how are the turbines decommissioned? Are the concrete pads also removed? I note that in one of the recent projects the Vestas V112 turbines were used which seem to have a life expectancy of only 11 to 25 years. Is this true? Where are these made? --what is the typical fire risk of wind turbines? How much precious metal and oil is common in each one? --your literature says the project is funded by private investors. Who are they? --Apex is also claiming little or no flicker effect, vibration or noise from the turbines. Is this true and at what distance from a turbine? <p>More question will inevitably crop up, but I look forward to your response to the above for now. Thank you for your time.</p> <p>Regards, Ruth Doughty</p>

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13:43:45	7-Apr-15	ruth	doughty		Daniel Fitzgerald	<p>Ms. Doughty,</p> <p>Please see the answers below to your questions. In many cases, we are too early in the development process to provide specific information. More specific information will be presented in the Preliminary Scoping Statement (PSS) and the Application.</p> <p>The exact design of the foundation will be determined once the wind turbine model is selected and after geotechnical information has been gathered for the site. Foundation designs will be submitted as part of the Application to the New York State Public Service Commission. It will be available to the public.</p> <p>The construction timeline will be dependent upon many factors that are yet to be determined. Most wind farms have the majority of their construction completed in one construction season. As stated above, final sizes of foundations will be determined once we have more specific information.</p> <p>The study to which I directed you has the broadest range of data available in regard to property value. This study is valid for a broad range of property types. This study is not specific to the Town of Yates.</p> <p>Property values are determined by many factors. It would be difficult to correct for all factors and identify exact impacts from various sources. You should raise this comment during the Preliminary Scoping phase and Application review phase of the permitting process.</p> <p>At this time, the decommissioning plan has not been created. As part of the Application, Lighthouse Wind will submit a decommissioning plan that is developed during the consultation phase of the project. The life expectancy of turbines vary by manufacturer, and specific turbine model specifications should include that information. Different components for wind turbines are made in many different locations, even when the same model is used.</p> <p>Specific information on the turbines and their fire suppression systems and the other specifications that you inquire about will be available once a model is selected.</p> <p>The specific funding for the project will be arranged when it has further advanced in development. The funding for the current development work being performed is by Apex Clean Energy.</p>
11:38:18	11-Mar-15	Susan	Dudley	14098	Daniel Fitzgerald	<p>Email from Susan Dudley 3/6/2015</p> <p>How many wind meters has APEX installed in Orleans and Somerset Counties? And where are they. I have only read about one so far.</p>
11:42:23	11-Mar-15	Susan	Dudley	14098	Daniel Fitzgerald	<p>Ms. Dudley,</p> <p>Lighthouse Wind currently has one meteorological tower installed in the project area. During the development of the proposed project additional meteorological towers will be added.</p> <p>For future correspondence, please send emails to info@lighthousewind.com for a timely response and recording in the public involvement log.</p> <p>Thank you.</p>

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16:39:02	25-Mar-15	Susan	Dudley	14098	Susan Dudley	<p>Dear Dan, When we met I asked you if APEX had signed the NY State Wind Industry Ethics Code. You indicated that they had not and said that the Attorney General had not requested APEX to sign. You also stated that the ethics Task Force had never had a meeting since it was implemented and implied that the entire thing was a bit of a lame duck.</p> <p>Does this mean that APEX did not sign this agreement for the Marble River wind farm either? Does the AG have to invite the wind companies to sign? It seems to me the ethical path would be for the wind company to approach the AG not the other way around.</p> <p>If there is nothing inherently wrong with the Wind Industry Ethics Code, why won't APEX sign it?</p> <p>I look forward to your response. Sincerely, Susan E Dudley</p> <p>cc: Eric Schneiderman AG NY State</p>
17:52:21	6-Apr-15	Susan	Dudley	14098	Daniel Fitzgerald	<p>Susan,</p> <p>As stated at our meeting, I worked on the development of the Marble River wind farm with another renewable energy development company, and it is not an Apex Clean Energy project.</p> <p>Apex Clean Energy has not been requested to enter into the Attorney General's Code of Conduct Agreement as have the other companies listed in your email. However as part of our stakeholder consultation, Apex Clean Energy has sent correspondence to the New York State Attorney General to make the Office aware of the project and has informed them that Apex will execute a Code of Conduct Agreement if the Office is still encouraging developers to do so.</p> <p>Thank you.</p>
17:50:51	8-Apr-15	Susan	Dudley	14098	Susan Dudley	<p>Dear Apex people-</p> <p>When asked to give specifics about the size of turbines for the Lighthouse Project, your answers are always that it "will be determined later in the project". If you do not know the size of the turbines, how can you provide meaningful comparative information regarding health studies particularly on noise and infrasound issues? I would like you to provide studies based on equivalent turbines.</p> <p>Regards, Susan Dudley</p>
12:13:59	9-Apr-15	Susan	Dudley	14098	Daniel Fitzgerald	<p>Ms. Dudley,</p> <p>To date we do not have the specifics of the wind turbines that will be used. This is normal in the early periods of development as we assess the site and continue our discussions with various stakeholders.</p> <p>You can expect more specific information in the Preliminary Scoping Statement and even more specific information in the Application when it is submitted. This development and permitting process will take another couple of years. During that time more specific information will be determined and made available.</p> <p>Thank you.</p>

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14:18:47	23-Apr-15	Susan	Dudley	14098	Susan Dudley	Perhaps you should read these before you continue to deny any health issues related to industrial wind turbines. This is only a sampling of the material available. http://windvictimsonario.com/10/post/2015/04/63-peer-reviewed-articles-regarding-impairment-of-health-in-general-and-relating-to-industrial-wind-turbines.html
12:31:20	22-May-15	Susan	Dudley	14098	Taylor Quarles	<p>Mrs. Dudley,</p> <p>I am writing to you in response to your email regarding "63 peer reviewed articles". Out of the 63, 7 (36, 18, 11, 9, 8, 2, 1) of the articles had links that were broken or we couldn't find them. Please provide working links for these articles if you would like us to examine them. Upon initial review of the articles we could find we noticed that many of them did not appear to be peer reviewed, and that many of them were written by the same few folks. In order to offer you the most in depth response possible, we decided to take the time to look at each article individually to determine it's validity. This in depth review will be sent over as soon as it is finished.</p> <p>To do this review, we will be using following description of the peer review process: "In academic publishing, the goal of peer review is to assess the quality of articles submitted for publication in a scholarly journal. Before an article is deemed appropriate to be published in a peer-reviewed journal, it must undergo the following process:</p> <ul style="list-style-type: none"> • The author of the article must submit it to the journal editor who forwards the article to experts in the field. Because the reviewers specialize in the same scholarly area as the author, they are considered the author's peers (hence "peer review"). • These impartial reviewers are charged with carefully evaluating the quality of the submitted manuscript. • The peer reviewers check the manuscript for accuracy and assess the validity of the research methodology and procedures. • If appropriate, they suggest revisions. If they find the article lacking in scholarly validity and rigor, they reject it. <p>Because a peer-reviewed journal will not publish articles that fail to meet the standards established for a given discipline, peer-reviewed articles that are accepted for publication exemplify the best research practices in a field." From: <http://guides.lib.jjay.cuny.edu/content.php?pid=209679&sid=1746812></p>
12:31:20	22-May-15	Susan	Dudley	14098	Taylor Quarles	<p>We look forward to offering our more in depth review of these articles in the near future.</p> <p>Additionally, It is important to note that the NYS department of health has a voting seat on the seven member board which decides on Article 10 Applications. We are confident in their ability to review all the available information to be presented in our application.</p> <p>In the Article 10 regulation, a number of the exhibits deal with health issues. These include, but are not limited to:</p> <p>1001.15 Exhibit 15: Public Health and Safety 1001.16 Exhibit 16: Pollution Control Facilities 1001.17 Exhibit 17: Air Emissions 1001.18 Exhibit 18: Safety and Security 1001.19 Exhibit 19: Noise and Vibration</p> <p>Thank You</p>

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20:35:26	24-Mar-15	Steve and Judy Esposito	14098	Steve and Judy Esposito	<p>It's so nice of you to invite us to yet another information meeting about the Lighthouse Wind Project. Unfortunately we are still in Florida as we go for 6 months. How convenient for all of us seasonal owners who won't be home until early May to not be able to hear your side of this proposal that we adamantly oppose. I would invite you to buy my \$350,000 home now before property values decline and then IF it goes thru you would be close to oversee. I am sure you see my sarcasm, but what timing you had for Article 10. You can not possibly know our frustration to only be able to correspond with our neighbors thru e-mails and SOS.</p> <p>Look forward to conversation in May</p> <p>Steve and Judy Esposito 10637 Lakeshore Rd. Lyndonville NY 14098</p> <p>sent from my iPad</p>
15:27:39	7-Apr-15	Steve and Judy Esposito	14098	Taylor Quarles	<p>Judy and Steve,</p> <p>I appreciate your email, and pardon the delay in responding. I am happy to discuss our proposed project with you by phone in detail anytime you like. Public comment is an integral part of the entire permitting process. This process will extend well into 2016, thus you should have ample time to discuss the project with us, your neighbors, and participate in the permitting process. We are posting all of our submitted permitting documents on our website. You can also view them on the department of public service website here: http://documents.dps.ny.gov/public/MatterManagement/CaseMaster.aspx?MatterSeq=46604&MNO=14-F-0485</p> <p>As I said, please don't hesitate to contact us by phone, or we will certainly be available to discuss your concerns in person when you return in May.</p> <p>Sincerely,</p> <p>Taylor Quarles</p>
0:04:26	18-Apr-15	Steve and Judy Esposito	14098	Steve and Judy Esposito	<p>We wish we could be there but still in Florida, but I have confidence in our SOS group to be present and will inform us of the findings.</p> <p>sent from my iPad</p>
20:34:25	27-Mar-15	Kathleen Evans	14098	Kathleen Evans	<p>Dear Dan Fitzgerald,</p> <p>What are the setback distances and noise level standards that APEX adhere to ensure that the wind turbines are properly sited and noise, lighting, and shadow flicker do not affect the health and safety of neighboring properties?</p> <p>Are setback distances measured from the neighbors residence or from the road in front of their property? Where on the residences property are the noise levels measured?</p> <p>What recourse do neighboring property owners have if these standards are exceeded? Or if the standards are met but noise, lighting and shadow flicker problems still occur?</p> <p>Thank You, Kathleen Evans 10639 W Lakeshore Rd, Lyndonville NY 14098 585-506-6516</p>
12:59:14	4-Apr-15	Kathleen Evans	14098	Kathleen Evans	<p>I sent in these questions over a week ago. How long does it take to get a response? I have checked my spam folder and don't have anything from you there.</p> <p>Kathy Evans</p>

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16:48:29	7-Apr-15	Kathleen	Evans	14098	Taylor Quarles	<p>Kathleen, Thanks for your email and the reminder. Pardon the delay in responding. Specific setback distances have not yet been determined. These distances will be from each specific occupied house. Various setback distances for distance, noise level, and shadow flicker will be compiled based upon existing the specifications of the proposed wind turbine generator, local ordinances, consultation with various stakeholders such as the New York State Public Service Commission, New York State Department of Environmental Conservation, Army Corps of Engineers, and many other stakeholders consulted throughout the process. The setback distances used will be included in the documents accompanying any layouts. Sound measurements will be completed at various times and locations throughout the project area by qualified third party acousticians to measure what the typical ambient noise is throughout the year. This level can change dramatically based on the leave cover, and also based on the noise level coming from the lake. Utilizing these measurements and whatever future layout we submit, this third party can create a map which shows the sound signature of each turbine. This map will be used for noise setbacks. Noise setback levels are typically measured as the dbA level at the outside wall of an occupied house. In regards to your question on recourse, the siting of the turbines will be based upon the setbacks as well as modeling done for sound and shadow effect. This will be done to eliminate or minimize impacts to receptors. It is likely that the Siting Board will include any mitigation requirements in the permits that are issued. Sincerely, Taylor Quarles</p>
16:37:19	2-Apr-15	Mildred	Gessler		Dahvi Wilson	<p>Hi Mildred, Thank you again for coming to our open house last night. You requested that I send you a more detailed map of the proposed project area, and I wanted to get that to you right away. There are several maps, similar to those that were on the boards last night, included as figures in our Public Involvement Plan (PIP). You can view the whole PIP here (See figures 1 and 2, specifically): https://d3n8a8pro7vhmx.cloudfront.net/somersetwind/pages/44/attachments/original/1421352745/PIP_Lighthouse_2015-01-15_rel.pdf?1421352745. You can also find all of the documents we have submitted to the PSC thus far, here: http://www.lighthousewind.com/article10_submissions. Thank you for taking the time to learn more about the project, and please let us know if you have any further questions. Best, Dahvi Wilson Apex Clean Energy</p>

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12:34:55	30-Mar-15		Gmail		Gmail	<p>I have recently learned by word of mouth that 60 - 70 570' tall wind turbines are being considered by APEX Clean Energy for an area near me. I live on the southern shore of Lake Ontario and am a year round resident of the Town Of Yates in Orleans County. Many of my lake neighbors are seasonal residents, and they have received NO information that this project is pending. I have received NO information in the mail from APEX. Why is this?</p> <p>Please answer these questions:</p> <ol style="list-style-type: none"> 1. When do you plan to notify the property owners along the lake shore? 2. If I live 1 mile west of Route 63, how will I be impacted? 3. How far does one have to be from these turbines to NOT be affected? 4. Will I be burdened with "Shadow Flickers"? 5. Will I hear the turbines? 6. I see Bald Eagles frequently. Will they be harmed? 7. How will migrating Canada Geese, Swans, Ducks, Birds and Bats be affected? 8. What will this project do to the value of my property? 9. Will this project reduce my electric bill? 10. Do you guarantee that this project will reduce CO2 emissions? <p>Thank you in advance for answering my questions.</p>
18:36:20	6-Apr-15		Gmail		Daniel Fitzgerald	<p>To whom it may concern,</p> <p>Answers to your questions are below. Due to the early stages of this project, there is not yet sufficient data to answer all of your questions. Much of the information that you have requested will be made available during the study and permitting process of the project. The status of the project, the studies, and the permitting process can be followed at lighthousewind.com. We have held three open houses in the project area since October of 2014 and will continue to participate in public outreach activities through out the development process which will be the next two years. We would be happy to meet with you individually to discuss the project.</p> <ol style="list-style-type: none"> 1. A mailing will go out to all landowners in the proposed project boundary in the near future. 2. The area that you describe may be within the proposed project area. To assess the how the project will effect you, review the project information as it becomes available. The first document that you should review is the Public Involvement Plan (PIP) which has already been issued. It is available online at: http://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId={FFBAD6C0-D22C-4B5E-82DE-F684BE12FC2F} and in hard copy at the document repositories specified here: http://www.lighthousewind.com/ . Later documents that will provide more detailed information are the Preliminary Scoping Statement (PSS) and the Application. 3. This will be determined when more specifics such as turbine model and turbine locations have been determined. 4. This will be determined according to the location of the wind turbine relative to receptors. This information will be available when more specifics such as turbine model and turbine locations have been determined. 5. This will be determined according to the location of the wind turbine relative to receptors. This information will be available when more specifics such as turbine model and turbine locations have been determined. 6. Avian studies will be performed in consultation with New York State Department of Environmental Conservation and United States Fish and Wildlife. Once those studies are completed and reports generated, the results will be made available for public review. 7. Avian studies will be performed in consultation with New York State Department of Environmental Conservation and United States Fish and Wildlife. Once those studies are completed and reports generated, the results will be made available for public review. 8. Information regarding property values will be submitted as part of the Application. 9. As an independent power producer, we do not sell electricity directly to consumers and therefore cannot guarantee individual rates. 10. As the project is developed, and more project specifics are know, we will estimate offsets of CO2. This information will be in the Application. <p>Thank you.</p>

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19:35:52	7-Apr-15	Cynthia	hellert	14098	Taylor Quarles	<p>Cynthia,</p> <p>A few days ago I see that you posted the following,</p> <p>"More than a week ago, I sent 10 questions to Lighthouse wind regarding the proposed Industrial Windfarm in the Towns of Yates and Somerset. I have yet to receive a reply."</p> <p>I have searched through this email account, as well as others that could be related to this project, and couldn't find where you had posted your questions. We are striving to be timely in our responses and ensuring that nothing gets lost in the mix.</p> <p>Please resend your questions to this email. In addition, I would appreciate if you could let us know to what email you sent your original questions, and at what time.</p> <p>Thank You.</p> <p>Taylor Quarles</p>
13:48:35	9-Apr-15	Cynthia	hellert	14098	Cynthia hellert	<p>Please send me specific health studies that have been completed regarding all aspects of wind turbines. Please include minimum setbacks required for NO human impact. If you intend to place these near my home, I MUST know everything possible to prepare.</p> <p>Thank you.</p> <p>Cynthia Hellert</p>
18:29:20	10-Apr-15	Cynthia	hellert	14098	Cynthia hellert	<p>Could you please provide me with the sound rating of each of your current models of industrial wind turbines?</p> <p>Thank you.</p> <p>Cynthia Hellert</p>
12:25:17	16-Apr-15	Cynthia	hellert	14098	Taylor Quarles	<p>Cynthia,</p> <p>Thanks for your question regarding sound of turbines.</p> <p>At this stage we have not decided which turbine model to use. As we advance in the Article 10 process by filing our preliminary scoping statement and subsequent application, we will create a proposed layout, which will include potential turbine models.</p> <p>Sound is an issue which we take very seriously. In addition to setbacks for distance and shadow flicker, we will have sound setbacks from occupied structures. These measurements and calculations will be performed by licensed third party acousticians.</p> <p>Please don't hesitate to reach out with more questions by phone or email.</p> <p>Sincerely,</p> <p>Taylor Quarles</p>
12:35:17	16-Apr-15	Cynthia	hellert	14098	Cynthia hellert	<p>I understand that you do not know the turbine model. I asked you to provide me with the sound rating on each of your current models. At this point, please give me that info on the largest model currently in use by your company along with the turbine model.</p> <p>Thank you.</p> <p>Cynthia</p>

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13:08:51	16-Apr-15	Cynthia	hellert	14098	Cynthia hellert	<p>I recently attended the Yates Town Board meeting where a public hearing for the issuance of a special use permit was held. While there were at least 15 residents who spoke against the special use permit, there were none who spoke in favor. The question was repeatedly asked "why is there a need for another MET tower?", to which the Town board did not answer. Please explain why APEX feels another MET tower is needed just 3 miles west of one that has recently been erected?</p> <p>Cynthia</p>
13:36:25	16-Apr-15	Cynthia	hellert	14098	Cynthia hellert	<p>In addition to the sound rating of your largest turbine currently in use, please tell me where the rating is taken, at the turbine base as well as at the minimum setback for that sound rating.</p> <p>Thank you.</p> <p>Cynthia</p>
14:32:31	23-Apr-15	Cynthia	hellert	14098	Cynthia hellert	<p>I would like to address this email to Taylor Quales:</p> <p>I was in the audience last night and felt compassion towards you as you attempted to support the company that employs you. For a new grad in a first time job, I would commend you on your presentation. You see, I am the mother of 3 grown children who, upon graduation from college, were fortunate enough to earn good jobs immediately. One is a mechanical engineer, another human resource manager for a large corporation, and another an elementary school teacher. I imagined each of my children facing an audience such as you did last night. I was nervous for you as I would have been when each of my children started their careers.</p> <p>If I could be allowed to offer you some advice, I would first and foremost recommend that you place your own integrity above all else as you execute your duties for the company. You will find that a good nights sleep, because you know in your heart that you did and said the right thing, is worth more than any incentive a company can offer. To stand before a knowledgeable audience and proclaim that "no studies indicate health hazards", and to say that "there have been zero turbine failures", is sheer propaganda fed to you by a company that puts financial gain first and foremost, and above any human or environmental health risk. Trust me, you will be haunted by this failure to tell the truth.</p> <p>Surely, in your studies, you have read conflicting reports on the effects of Industrial wind turbines. If you have not done your homework, shame on you! You have a responsibility to continue your research. You have a responsibility to know inside and out all aspects of industrial wind factories. I charge you with the responsibility to know every single risk associated with industrial wind factories. And when you fly back to your home in Virginia on Thursday or Friday night, I want you to carry that responsibility with you. I want you to think about the beautiful natural resource that is Lake Ontario. I want you to think about the impact that industrializing this area will have. It will be far more than money in your pocket, and in the pocket of very rich and powerful companies, such as APEX.</p> <p>You have many years ahead of you, Taylor. You will make mistakes, and hopefully you will learn from each one of those. If you find yourself agonizing over the fact that you are placing a huge burden upon the residents of the Lake Ontario shoreline, consider it a good indication of what you stand for. There are no compromises when human suffering is a result of negligent behavior.</p> <p>I hope you will take this bit of motherly advice as you continue your career.</p> <p>Cynthia Hellert, RN</p>

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22:48:58	30-Apr-15	Cynthia	hellert	14098	Taylor Quarles	<p>Cynthia,</p> <p>Thanks for your question, and patience in receiving a response.</p> <p>16 NYCRR 1001.6(d) requires that the Article 10 application include wind meteorological analyses. Specifically, this details that "Exhibit 6: Wind Power Facilities" contains the following: "Wind meteorological analyses demonstrating adequate wind conditions supporting the estimated capacity factor for the facility".</p> <p>It is my understanding that there is a necessity for meteorological tower data implicit in this requirement to proceed with a full and complete application under Article 10 in order to demonstrate that the wind conditions support the estimated capacity factor. Use of meteorological towers at the proposed Lighthouse Wind project will therefore be implemented to serve both our own high internal standards at Apex as well as the standards established under Article 10.</p> <p>Apex has trained meteorologists and energy analysts on staff which use modeling software to create highly accurate wind maps of each specific project. These staff are responsible for informing our decisions on how many and in what location to put towers. More than one tower is required to generate a wind map with the level of accuracy we require. Apex is not unique in it's use of multiple Met tower, this is an implicit industry standard.</p> <p>Thanks for the question.</p> <p>Taylor Quarles</p>
23:11:37	30-Apr-15	Cynthia	hellert	14098	Taylor Quarles	<p>I would like to address this email to Taylor Quales:</p> <p>I was in the audience last night and felt compassion towards you as you attempted to support the company that employs you. For a new grad in a first time job, I would commend you on your presentation. You see, I am the mother of 3 grown children who, upon graduation from college, were fortunate enough to earn good jobs immediately. One is a mechanical engineer, another human resource manager for a large corporation, and another an elementary school teacher. I imagined each of my children facing an audience such as you did last night. I was nervous for you as I would have been when each of my children started their careers.</p> <p>If I could be allowed to offer you some advice, I would first and foremost recommend that you place your own integrity above all else as you execute your duties for the company. You will find that a good nights sleep, because you know in your heart that you did and said the right thing, is worth more than any incentive a company can offer. To stand before a knowledgeable audience and proclaim that "no studies indicate health hazards", and to say that "there have been zero turbine failures", is sheer propaganda fed to you by a company that puts financial gain first and foremost, and above any human or environmental health risk. Trust me, you will be haunted by this failure to tell the truth.</p> <p>Surely, in your studies, you have read conflicting reports on the effects of Industrial wind turbines. If you have not done your homework, shame on you! You have a responsibility to continue your research. You have a responsibility to know inside and out all aspects of industrial wind factories. I charge you with the responsibility to know every single risk associated with industrial wind factories. And when you fly back to your home in Virginia on Thursday or Friday night, I want you to carry that responsibility with you. I want you to think about the beautiful natural resource that is Lake Ontario. I want you to think about the impact that industrializing this area will have. It will be far more than money in your pocket, and in the pocket of very rich and powerful companies, such as APEX.</p> <p>You have many years ahead of you, Taylor. You will make mistakes, and hopefully you will learn from each one of those. If you find yourself agonizing over the fact that you are placing a huge burden upon the residents of the Lake Ontario shoreline, consider it a good indication of what you stand for. There are no compromises when human suffering is a result of negligent behavior.</p> <p>I hope you will take this bit of motherly advice as you continue your career.</p> <p>Cynthia Hellert, RN Wife, mother, grandmother Year round resident on the southern shore of Lake Ontario Town of Yates, Orleans County, New York</p>

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14:39:27	1-May-15	Cynthia	hellert	14098	Taylor Quarles	<p>Cynthia,</p> <p>Thank you for your feedback.</p> <p>I have never stated that "there have been zero turbine failures". During the panel discussion at the Medina campus of the Genessee community college Mrs. Albright listed off several numbers relating to "turbine failure". Because we were in the midst of a panel discussion on the proposed Lighthouse wind project, I did not have the ability to check her numbers. Instead I simply added up the numbers she quoted and divided it by the number of wind turbines operating in the United States currently (around 50,000). The percentage came out to somewhere in the range of .002%. I never insinuated that this was the true statistic, but only that even if I used the number she stated during our panel discussion, turbines have an exceptionally low rate of failure.</p> <p>We are in active consultation with USFWS, NYSDEC, and the US Army Corp of Engineers regarding wildlife issues. We are currently performing avian studies. We are actively working on our plans for other wildlife studies, including bat studies. Our study plan and results will be reviewed under the article 10 process. I would encourage you to refer to the article 10 law on this matter and any other you may be interested in. This is a very comprehensive and transparent permitting process in my opinion.</p> <p>1001.22 Exhibit 22: Terrestrial Ecology and Wetlands -- can be seen on pages 34-36 of the document http://www3.dps.ny.gov/W/PSCWeb.nsf/96f0fec0b45a3c6485257688006a701a/143595fa3be36aea852579d00068b454/\$FILE/Article%2010%20Regulations.pdf</p> <p>In regards to your concern over health issues I also encourage you to review: 1001.15 Exhibit 15: Public Health and Safety -- found on page 21-22.</p> <p>Thanks for your concern.</p> <p>Taylor Quarles</p>
14:17:31	24-Apr-15	Richard	Hellert	59353	Richard Hellert	Taylor, We can put you in a job that is non stressful. Please give me a call: Dick 716-471-5081
14:04:02	1-May-15	Richard	Hellert	59353	Taylor Quarles	<p>Richard,</p> <p>Thank you for your feedback.</p> <p>Taylor Quarles</p>
11:28:04	11-Mar-15	Alan	Isselhard		Daniel Fitzgerald	<p>Email from Al Isselhard received 3/9/2015</p> <p>Mr. Fitzgerald,</p> <p>Can you please answer the following questions?</p> <p>Is Apex actively soliciting leases from land owners in areas outside the proposed Lighthouse Wind project boundary shown in Figure 2 of the PIP? (This includes towns of Hartland, Newfane as well as Somerset and Yates)</p> <p>Does Apex have any leased property in the town of Yates for the Lighthouse Wind project?</p> <p>Will Apex be applying to the US government for "taking permits" involving accidental killing of eagles for the Lighthouse Wind project?</p>

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11:32:50	11-Mar-15	Alan	Isselhard	Daniel Fitzgerald	<p>Mr. Isselhard,</p> <p>We are speaking with many stakeholders and landowners both inside and outside of the project boundary as shown in the PIP. we have leased lands throughout the project area.</p> <p>In regard to your question on "take permits," it is too early in the assessment of the project to answer this question at this time.</p> <p>For future correspondence, please send emails to info@lighthousewind.com for a timely response and recording in the public involvement log</p> <p>Thank you.</p>
16:05:53	17-Mar-15	Katherine	Lee	Taylor Quarles	<p>Greetings Katherine,</p> <p>I am writing in reference to a comment you left on the Apex Clean Energy website regarding our Lighthouse Wind project. For reference I have included that email below.</p> <p>I would be happy to discuss this project with you by email or phone. The best number to reach me at is 434-328-2293, or you can email to info@lighthousewind.com. You can also visit lighthousewind.com to learn more about the project.</p> <p>I appreciate your interest, and look forward to talking.</p> <p>Taylor Quarles</p> <p>"Currently live in WNY, and am interested in purchasing land near Lake Ontario for the use of your windmills. I firmly believe in alternative energy sources, I would like to part of your endeavor. If you may have a contact # to pass along for me to contact! that would be very beneficial.</p> <p>Thank- you & hope to hear from you soon</p> <p>Kathy Lee"</p>
13:57:52	12-Apr-15	Alan	Lockwood	Alan Lockwood	<p>Hopefully you saw my OpEd in the Buffalo News today. Not sure whether this message got through via your web site. my virus software may have blocked it</p> <p>Physicians for Social Responsibility supports clean renewable energy - it is good for health and the environment</p> <p>Alan Lockwood MD</p> <p>--</p> <p>Alan H Lockwood MD, FAAN, FANA Emeritus Professor of Neurology, University at Buffalo Senior Scientist, Physicians for Social Responsibility https://www.facebook.com/TheSilentEpidemic voice: (716) 836-0674 email ahl@buffalo.edu follow me on Twitter: @AlanHLockwoodMD</p>

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15:29:41	1-May-15	Alan	Lockwood		Taylor Quarles	<p>Alan,</p> <p>I did see your piece, and very much appreciate your efforts in this matter. We are working hard to get our message out to folks in the area.</p> <p>I will certainly be in touch in the future as we work diligently to get the truth out about wind energy and our proposed lighthouse wind project.</p> <p>Sincerely,</p> <p>Taylor Quarles</p>
14:17:26	5-Mar-15	Margaret	Londergan	14098	Daniel Fitzgerald	<p>Email received from Margaret Londergan 2/21/2015, responded with receipt of email on 3/3/2015.☒</p> <p>I have been reading about the proposed APEX Lighthouse Wind Project with interest and concern. Birding and the natural world have been passions of mine since I was a child. As a property owner on the lakeshore, I spend a lot of time on and near the shores of Lake Ontario observing bird migration, summer nesting birds and the activities of year-round resident birds. These birds rely on the unique shore and near shore habitat of Lake Ontario. These habitats are very important to resident and migrating raptors and the waves of migrating songbirds. My questions below relate primarily to the effects that the APEX Lighthouse Wind project will have on the environment that these birds depend on. (I have other questions that I will address in a separate letter (email).)☒</p> <p>Questions regarding installation of industrial wind turbines on a migration corridor where an abundance of birds migrate through, live year round or return for summer nesting. ☒</p> <ol style="list-style-type: none"> 1. Isn't much of the proposed project area in or very near to a major bird migration corridor? How is the APEX Lighthouse Project planning to minimize the environmental effect of this industrial wind turbine installation? ☒ 2. What environmental impact assessments related to birds are being done to determine possible impacts on resident, migrating and summer nesting birds in or adjacent to the proposed project area depicted in the APEX project map. as outlined on the project map provided by APEX? ☒ 3. Who determines the metrics for the assessments and what methodology will be used for the assessments field observation and tallies, radar, sonar, other? Why was the particular data gathering method(s) chosen? ☒ 4. What group, agency or other entity will conduct the assessment?☒ 5. Who selects the group that will do the assessment? Who verifies their credentials to perform this type of assessment? How many individuals will be involved in gathering data? How will the public be notified which group has been selected to do the environmental assessment as it pertains to the avian population?☒ 6. Will current data gathered by other groups be taken into account (US Fish and Wildlife for example)? 7. How will the public access information about the environmental assessment including staging, methodology, duration, on-going progress and findings/data gathered through the assessment? How will the public be notified of the starting and other timetables for data gathering? Will APEX post a link to this information on their web site? When will environmental assessments for avian concerns begin? ☒

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14:17:26	5-Mar-15	Margaret	Londergan	14098	Daniel Fitzgerald	<p>8. What times of year will the assessments be made and for how many years? Is there a standard protocol regarding duration for studies of this sort? one year? two years? three years? What will the duration and dates of each monitoring period be months/weeks if monitoring is not being done year round? Weather conditions can vary dramatically from year to year so a single years data gathering may not give a true picture of avian activity in the area.</p> <p>9. If local residents identify birds in the area that are endangered, threatened or of special interest, can they report them and to whom? How can citizen sitings be documented to prove validity? Is there a way to get those doing the survey to the area quickly to confirm sightings by residents?</p> <p>10. Will the design of the specific turbines proposed for the area take into account features that would mitigate problems for both birds and bats? If so, what are the specific modifications?</p> <p>11. If APEX is doing the environmental studies, what is the name and contact information for the firm that will conduct the studies?</p> <p>12. Will there be an opportunity for public comment on the results of the studies by citizens as well as experts in the field of ornithology, environment, habitat and migration</p> <p>13. Are there already known birds in the proposed project area that are on the endangered, threatened or of special concern list that occur? If so which ones are they?</p>
14:22:00	5-Mar-15	Margaret	Londergan	14098	Daniel Fitzgerald	<p>Dear Ms. Londergan,</p> <p>Generally, your questions and concerns are consistent with Apex and others that have been expressed by the birding community. These issues are carefully vetted and addressed through established processes with United States Fish and Wildlife Service (USFWS) and New York State Department of Environmental Conservation and (NYSDEC) to evaluate and respond to potential risk.</p> <p>Year round avian studies will be completed to assess risk to wintering, breeding, and migrant birds, specifically those with special regulatory status (state/federal listed) or considered species of concern and develop appropriate responses. Similarly, bat studies will be completed in accordance with agency recommendations to identify issues of concern and avoid and minimize potential impacts.</p> <p>All studies are completed by third party consultants with appropriate qualifications to implement agency recommended protocols. Measures related to siting, impact avoidance, operational monitoring, mitigation and permitting when appropriate are all reasonable responses to expect from the studies being completed for the project to ensure no significant adverse impact to local area populations.</p> <p>All studies will be subject to public review and input through the Article 10 process beginning with the Preliminary Scoping Statement (PSS). We encourage you to track and participate in that process as it unfolds.</p> <p>Thank you.</p>

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11:46:15	11-Mar-15	Margaret	Londergan	14098	Daniel Fitzgerald	<p>Email from Margaret Londergan received 3/6/2015</p> <p>Dan,</p> <p>I have some questions:</p> <ol style="list-style-type: none"> 1. Which transmission lines will feed power generated by the APEX Lighthouse Wind Project into the grid? Existing? New? Will any new lines be needed? 2. What transmission lines will feed the power generated by the wind turbines to the Somerset substation? Will they be new installations from the turbines to a tie-in point? or will existing transmission lines be used? Will any new lines be above ground or below ground? 3. Will the existing transmission lines from the Somerset plant into the NYS electric grid be adequate for the power generated or will additional transmission capacity need to be added from Somerset into the grid? If so, how will that be accomplished? <p>On another topic:</p> <ol style="list-style-type: none"> 4. Has a Met Tower been installed in the proposed project area? 5. If a Met Tower has been installed when was it installed? 6. If a Met Tower was installed, is it's location public knowledge and if not why not? <p>I look forward to hearing from you.</p> <p>Margaret Londergan</p>
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12:01:25	11-Mar-15	Margaret	Londergan	14098	Daniel Fitzgerald	<p>Ms. Londergan, Thank you for your questions regarding the Lighthouse Wind project. Please see responses to your questions below.</p> <ol style="list-style-type: none"> Which transmission lines will feed power generated by the APEX Lighthouse Wind Project into the grid? Existing? New? Will any new lines be needed? -The proposed interconnection will be at the Kintigh substation which is a New York State electric and Gas substation that sits in front of the existing power generation plant in Somerset. At this time it is not anticipated that we will need additional transmission lines. What transmission lines will feed the power generated by the wind turbines to the Somerset substation? Will they be new installations from the turbines to a tie-in point? or will existing transmission lines be used? Will any new lines be above ground or below ground? -The wind turbine generators will be connected via collection lines that are currently planned to be placed underground. Will the existing transmission lines from the Somerset plant into the NYS electric grid be adequate for the power generated or will additional transmission capacity need to be added from Somerset into the grid? If so, how will that be accomplished? -We are currently working through the Large Generator Interconnection process with the New York Independent System Operator (NYISO). This process involves a series of studies that will occur over the next two years. The outcome of these studies will determine what upgrades are necessary. Has a Met Tower been installed in the proposed project area? -Yes. There is a meteorological tower in the Town of Somerset. If a Met Tower has been installed when was it installed? -It was erected in December 2014. If a Met Tower was installed, is it's location public knowledge and if not why not? -The location is public. The special use permit was reviewed before the Town of Somerset Planning Board and the Niagara County Planning Board. A public hearing on the matter was held in the Town of Somerset. <p>Also, I previously had asked that you send questions and comments to lighthousewind@apexcleanenergy.com. I should have asked that you direct questions to info@lighthousewind.com. For future correspondence, please send emails to info@lighthousewind.com for a timely response and recording in the public involvement log. Thank you.</p>
0:18:11	29-Mar-15	Margaret	Londergan	14098	Margaret Londergan	<p>Hello,</p> <p>I am looking forward to getting detailed answers to my questions below. Thank you.</p> <ol style="list-style-type: none"> Are DEC required environmental studies related to avian endangered, protected and special interest species completed? What were the specific criteria for these studies? How long (over what portion of a calendar year were the studies conducted? Exactly what time of year and for what portion of that period were the studies conducted? What was the method for collecting the data (visual sightings, radar studies, other were u sed and the specific timing of the Who conducted these studies? (Names, credentials, other studies they have done that we can see, etc.) Where can the results be seen? How long does SOS have to verify these results through independent studies? If studies are completed, does APEX have a "take permit"? If studies are completed, what steps were recommended for APEX to take in order to mitigate the chances of kills (siting of turbines, hours of operation...stopping the turbines when avian activity is greatest,etc.) What are the criteria for calling a halt to a wind project like APEX proposes might be from the NYSDEC perspective. I think there is a lot of room for how regs/laws are interpreted. <p>Margaret Londergan Lakeshore Property Owner</p>

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0:34:47	29-Mar-15	Margaret	Londergan	14098	Margaret Londergan	<p>Hello,</p> <p>I am interested in getting detailed answers to the questions below. Thank you very much. I am resubmitting my first request which was my draft copy rather than the edited list of questions which is below.</p> <ol style="list-style-type: none"> 1. Are DEC required environmental studies related to avian endangered, protected and special interest species completed? 2. What were the specific criteria for these studies? 3. How long (over what portion of a calendar year) were the studies conducted? 4. Exactly what time of year and for what portion of that period were the studies conducted? 5. What was the method for collecting the data (visual sightings, radar studies, other?) 5. Who conducted these studies? (Names, credentials, other studies the group that conducted the APEX studies have done that I can review)? 6. Where can the results of the studies for APEX be seen? 7. How long does an outside group have to verify these results through independent studies? 8. If studies are completed, does APEX have a "take permit"? 9. If studies are completed, what steps were recommended for APEX to take in order to mitigate the chances of kills (siting of turbines, hours of operation...stopping the turbines when avian activity is greatest,etc.)? 10. What are the criteria for calling a halt to a wind project like APEX proposes might be from the NYSDEC perspective? <p>Margaret Londergan Lakeshore Property Owner</p>
18:15:10	6-Apr-15	Margaret	Londergan	14098	Daniel Fitzgerald	<p>Ms. Londergan,</p> <p>Specific answers to your questions are below preceded by the number that you used in your email. Based upon your questions, it seems as though you will be following the avian studies closely. To best participate in this aspect of the project, watch for the issuance of the Preliminary Scoping Statement(PSS). The PSS will provide the earliest information regarding project specifics and information on avian issues. There is a 21 day comment period after the PSS is issued. That would be an important time to review the document and make comment.</p> <ol style="list-style-type: none"> 1. The New York State Department of Environmental Conservation studies related to avian endangered, protected and special interest studies are not yet completed. We have begun discussion with both New York State Department of Environmental Conservation and United State Fish and Wildlife. 2. The criteria for these studies are still being established. 3,4,5,5. The time period for these studies will be set by New York State Department of Environmental Conservation and United State Fish and Wildlife when the study plans are finalized. 6. Early information on the studies will be provided in the Preliminary Scoping Statement (PSS) and final study information and reports will be available in the Application when it is submitted. This information will be available on line and at the document repository locations specified in the Public Involvement Plan. 7. Review periods are as specified in the Article 10 permitting process. A summary of the Article 10 process can be found here: http://www3.dps.ny.gov/W/PSCWeb.nsf/96f0fec0b45a3c6485257688006a701a/510dc0e00d2a150b85257a84004e56f1/\$FILE/Article%2010%20Consumer%20Presentation%20FINAL10.1.12.pdf 8, 9. Studies are not yet completed. 10. As part of the Article 10 Siting Board, New York State Department of Environmental Conservation will review the data collected throughout the permitting process and make a determination based upon that. <p>Thank you.</p>

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16:46:47	28-Mar-15	Glenn	Maid		Glenn Maid	<p>Gentlemen, ☒</p> <p>Land owners and potential land leasers in the Towns of Yates and Somerset have ☒ raised concerns over the possibility of liens when bills aren't paid. They would ☒ like to know the track record of the company looking to lease their land. ☒</p> <p>Since it's inception in 2009, how many liens have been placed on projects of ☒ APEX and it's subsidiaries, with dollar values, and how many are still in place ☒ as of today's date ? ☒</p> <p>Glenn Maid</p>
17:20:28	29-Mar-15	Glenn	Maid		Taylor Quarles	<p>Glenn,</p> <p>I am responding to confirm that we have received the email below regarding liens. I see you also sent a message to my personal email with the concern that your message did not get through, and to contact you as soon as possible(I have copied that email in below for records sake). Your message sent yesterday, 3/28, regarding liens did get through to us, and myself or Dan will get back to you this week.</p> <p>Going forward, I would appreciate using the email for the proposed Lighthouse Wind project: info@lighthousewind.com We have this account set up especially to track correspondence with stakeholders, which we submit to the Public Service Commission on a regular basis.</p> <p>Thank You.</p>
0:05:34	30-Mar-15	Glenn	Maid		Glenn Maid	<p>Taylor & Dan,☒</p> <p>Initially sent it to the wrong email address. Got it squared away now. Hey, I'm human.☒</p> <p>Thanks.☒</p> <p>Glenn☒</p>

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4:59:48	1-Apr-15	Glenn	Maid		Glenn Maid	<p>Good Morning,</p> <p>I have some questions about Industrial Wind Turbine abatement.</p> <ol style="list-style-type: none"> 1) How long does a turbine have to be inoperable before it is deemed unserviceable ? 2) Who makes the determination that it is no longer serviceable ? 3) Will the serviceability be verified by an independent party ? 4) How long does it have to be inoperable before it is decommissioned and taken down ? 5) For the types of turbines APEX has built to date, what would be the average cost of abatement for one unit ? 6) For a turbine installed today, what will the estimated cost of abatement be in 2045, per unit ? <p>Thank you in advance for your time and attention to this.</p> <p>Glenn</p>
14:28:06	15-Apr-15	Glenn	Maid		Glenn Maid	<p>Good Morning,</p> <p>Nearly a month ago, I sent an email requesting APEX Project lien histories. I have not heard back from you.</p> <p>What is the status ? Is there a reason for the delay ?</p> <p>And while we're at it, how is the abatement information coming along that I submitted to you on April 1st ?</p> <p>Glenn</p>

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16:44:41	21-Apr-15	Glenn	Maid		Glenn Maid	<p>Good Afternoon,</p> <p>Over a month ago, I asked several question pertaining to your company's project lien history.</p> <p>I received no response.</p> <p>On April 1, I submitted questions to you regarding abatement costs for Apex Wind Projects.</p> <p>I received no response.</p> <p>On April 15th, I sent you an email asking about the status of said information and what the hold up may be.</p> <p>I received no response.</p> <p>Based on your lack of communication, and refusal to answer my questions, or even acknowledge any inquiry about them, you are not fulfilling the requirements of Article 10 and your PIP filing.</p> <p>The aforementioned are facts, not opinion. You have refused to communicate with me.</p> <p>This is a project of great magnitude for our communities; additional questions will be forthcoming.</p> <p>Glenn Maid</p>
11:43:28	22-Apr-15	Glenn	Maid		Taylor Quarles	<p>Glenn,</p> <p>I have received your questions, and am working on responding. I apologize for the tardiness in this matter, and look forward to getting back with answers as soon as possible. Thanks for your patience.</p> <p>Taylor Quarles</p>
4:12:31	30-Apr-15	Glenn	Maid		Glenn Maid	<p>Good Morning,</p> <p>In a couple days, it will have been FIVE weeks since I submitted questions to you regarding APEX's lien history; an email you acknowledge was received. I also submitted questions regarding decommissioning costs.</p> <p>Last week I reminded you of your lack of a timely answers - twice. Your response was to merely thank me for my patience.</p> <p>Yesterday, I received your news letter. On the front page, paragraph 4, Dan Fitzgerald wrote "Please don't hesitate to get in touch if you have any questions.." The only problem is that he failed to mention that you won't get any answers.</p> <p>Like any situation, people are willing to wait a reasonable amount of time for an answer. This is ridiculous. At this point a reasonable person would feel you are stalling and trying to hide something. I am that reasonable person. I find it hard to believe that APEX has had so many liens that it takes 5 weeks to tabulate them. You managed to get your company's news letter to me, but have failed to respond to legitimate questions as required by law.</p> <p>You have until 5pm on Thursday April 30, 2015 to give me the complete and accurate answers to ALL my questions, or this situation goes directly to Ms. Burgess' desk for filing on the PSC website for a second time.</p> <p>Glenn Maid</p>

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13:04:17	4-May-15	Glenn	Maid		Taylor Quarles	<p>Glenn,</p> <p>I appreciate your patience in this matter.</p> <p>In regards to your questions on wind turbine decommissioning, the details you request will be included in parts of both our preliminary scoping statement and in our application per Article 10 requirements, some of which I have listed below. The submittal of these documents will be at a time determined by Apex. As to your questions 5 and 6: Apex has not built any turbine that has been decommissioned. Decommissioning costs account for numerous factors, including the scrap value of the turbine to be taken down. In fact, on several wind farms going into operation in the next few years, it is estimated that the value of the turbine infrastructure is greater than the cost to remove these machines and restore the landscape.</p> <p>We intend to have a decommissioning bond in place with a reputable third party surety company prior to operations of the project, as required by article 10 and our agreement with landowners. Furthermore it is our intention, which is stated clearly in our agreements with landowners, to revisit this bond amount every five years to ensure that this amount is correct.</p> <p>The questions you asked regarding "abatement" relate to requirements of the NYS article 10 law. Below I have copied excerpts from this law, which includes requirements for our submittals throughout the application process. I do not intend for these excerpts to be a comprehensive list of the sections of the article 10 law which deal with your questions, but instead to provide you with some background on the detail required regarding Operations/Maintenance and Decommissioning. I encourage you to explore the text of article 10 yourself for more detail. In my opinion, NYS has some of the most comprehensive and transparent permitting requirements of any state. I have a copy of this law on my desk, and refer to it frequently.</p> <p>...</p>
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13:04:17	4-May-15	Glenn	Maid		Taylor Quarles	<p>1000.5 Pre-Application Procedures</p> <p>(3) an identification of all other state and federal permits, certifications, or other authorizations needed for construction, operation or maintenance of the proposed facility; (4) a list and description of all state laws and regulations issued thereunder applicable to the construction, operation or maintenance of the proposed facility and a preliminary statement demonstrating an ability to comply;</p> <p>1001.5 Exhibit 5: Electric System Effects Electric System Effects Exhibit 5 shall contain:</p> <p>(f) A description of criteria, plans, and protocols for generation and ancillary facilities design, construction, commissioning, and operation, including as appropriate to generation technology: (1) engineering codes, standards, guidelines and practices that apply; (2) generation facility type certification; (3) procedures and controls for facility inspection, testing and commissioning; and (4) maintenance and management plans, procedures and criteria.</p> <p>(i) Facility maintenance and management plans, procedures and criteria, specifically addressing the following topics: (1) turbine maintenance, safety inspections, and tower integrity; and (2) electric transmission, gathering and interconnect line inspections, maintenance, and repairs, including: (i) vegetation clearance requirements; (ii) vegetation management plans and procedures; (iii) inspection and maintenance schedules; (iv) notification and public relations for work in public right-of-way; and (v) minimization of interference with electric and communications] distribution systems.</p> <p>...</p>
13:04:17	4-May-15	Glenn	Maid		Taylor Quarles	<p>1001.29 Exhibit 29: Site Restoration and Decommissioning Exhibit 29 shall contain:</p> <p>(a) A statement of the performance criteria proposed for site restoration in the event the facility cannot be completed and for decommissioning of the facility, including a discussion of why the performance criteria are appropriate. Among other things, the statement shall address: (1) safety and the removal of hazardous conditions; (2) environmental impacts; (3) aesthetics; (4) salvage and recycling; (5) potential future uses for the site; and (6) the useful life of the facility</p> <p>(b) A plan for the decommissioning and restoration of the facility site including how such decommissioning and restoration shall be funded and a schedule for the conduct of decommissioning and site restoration activities.</p> <p>(c) For wind-powered generation facilities and other facilities to be located on lands owned by another, a description of all site restoration, decommissioning and guaranty/security agreements between the applicant and landowner, municipality, or other entity, including provisions for turbines, foundations, and electrical collection, transmission, and interconnection facilities.</p> <p>Thank You. Taylor Quarles</p>

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13:33:26	4-May-15	Glenn	Maid		Taylor Quarles	<p>Glenn,</p> <p>As I expect you already know, contractors and subcontractors are given the right to file liens to help ensure that they get payments they think they are owed. While in some cases, liens may be filed due to a failure of a customer or contractor to pay, in many cases, liens are filed when there is a dispute between contractors about the value of the payment the lienholder is entitled to. In a large construction project, it is not uncommon for disputes between contractors and their subcontractors to arise, resulting in the filing of liens.</p> <p>Apex has an excellent track record of paying its bills. In fact, no lien has ever been filed for failure of Apex or any of its project companies to pay their bills when the situation did not involve a dispute over how much was owed.</p> <p>No matter when or why liens are filed during the construction of an Apex facility, Apex makes sure that the projects landowners are protected. Apex leases contain a provision stating that Apex will not permit liens arising from construction of an Apex facility to be enforced against the landowners property. If a lien is placed on a landowners property, Apex may contest the validity of the lien, but must bond against the lien or indemnify the landowner against enforcement of the lien in a way that satisfies the landowner.</p> <p>In most states, Apex can ensure liens are swiftly released from landowner property by requiring contractors to post bonds to cover the value of the lien if a lien is ever filed. Apex includes the legally binding requirement to post such bonds in our contracts with our contractors. In New York, the posting of a bond that covers the value of a lien automatically releases that lien from the real estate in question. In this way, Apex ensures that its landowners are protected from any payment disputes that may emerge between contractors and their subcontractors over the course of construction.</p> <p>Taylor Quarles</p>
13:27:17	5-May-15	Glenn	Maid		Glenn Maid	<p>Mr Quarles,</p> <p>I too have a copy of Article 10 on my desk, and refer to it often. Since APEX has not filed it's PSS and subsequent application, your response means nothing to me TODAY, or 5 weeks ago as it may be.</p> <p>Maybe I need to clarify them to make them easier for you to answer, with out you copying and pasting more parts of Article 10. The community wants answers now, not later.</p> <p>Questions 1-4, Will APEX follow Yates Local Law #1, and the Somerset equivalent, which have specific provisions regarding these topics ? If not, what are your answers?</p> <p>Question #5 I realize APEX hasn't decommissioned any turbines yet....you haven't been in business that long. Ok, let's make this easier: What will your decommissioning bond, funding amount be for each turbine placement be for the Lighthouse Wind Project. Since you tend to refer every question back to Article 10, you'll be needing this number for the PSS, Application , and for the Town's of Somerset and Yates Special Use Permit Process. How much per unit ?</p> <p>Question #6 Like #5, yes I know you haven't decommissioned any yet. It's not 2045 either. But it will be. What will it cost then ? Our community wants to know how much money APEX has to put up to ensure proper and complete decommissioning be done when our children take over our properties. Who will check with the landowners every 5 years ? APEX? Whomever buys the project ? An independent party ? What happens if the land owner, or municipality disagrees with the amount ?</p> <p>The community wants to know NOW, not if / when APEX files the PSS. Actually, they needed to know a month ago.</p> <p>Simple questions. Simple answers. Maybe you'll answer them this time.</p> <p>Best Regards, Glenn Maid</p>

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16:53:55	6-May-15	Glenn	Maid		Glenn Maid	<p>Mr Quarles, Your response, which took nearly 6 weeks to get, is four paragraphs of your policies and processes, yet did not in any way answer the original, specific question:</p> <p>Since it's inception in 2009, how many liens have been placed on projects of APEX and it's subsidiaries, with dollar values, and how many are still in place as of today's date ?</p> <p>Whether it was a failure to pay a bill, or it is the result of the bill amount being contested, a lien against property owners is still a lien, for which the land owners are responsible until said bill is paid, or true amount settled upon, the debt is paid, and the lien released. Indemnification and bonding to protect landowners in NYS ? Are you sure that language is in the Lighthouse Wind lease contracts ?</p> <p>Your response indicated that "In fact, no lien has ever been filed for failure of Apex or any of its project companies to pay their bills when the situation did not involve a dispute over how much was owed" Ok, since you know this, you have the data I am requesting, so why are you withholding it ? Regardless of why a lien was filed, it was still filed. Give me the answers.</p>
16:53:55	6-May-15	Glenn	Maid		Glenn Maid	<p>In the Ambassador Steel lien, Vermillion County IL, filed 12/17/14, the lien was for \$1.4M, balance due that was unpaid. Apex had paid \$600K, with the "dispute over what is owed" being \$1.4M ? Your contractor was off by %1.4M ? And Christensen Electric overcharged Apex by \$1.3M ? Again, a lien is a lien.</p> <p>Regardless of the reason for the filing, I still want an answer to the original questions. I ask again: Since it's inception in 2009, how many liens have been placed on projects of APEX and it's subsidiaries, with dollar values, and how many are still in place as of today's date (that date being March 28th, 2015)?</p> <p>You are obligated by law to answer these question, and so far, have refused to do so. Please refrain from replying with policies and contract language again. They are simple questions. Just answer them; in a more timely fashion if you would.</p> <p>Best Regards, Glenn Maid</p>

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20:45:39	8-May-15	Glenn	Maid		Taylor Quarles	<p>Mr. Maid,</p> <p>In response to your question on liens: This email address has been established to address stakeholder comments and questions in regard to the proposed Lighthouse Wind Project. There are no liens involved with the Lighthouse Wind Project.</p> <p>As previously stated, no matter when or why liens are filed during the construction of an Apex facility, Apex makes sure that the projects landowners are protected. Apex leases contain a provision stating that Apex will not permit liens arising from construction of an Apex facility to be enforced against the landowners property. If a lien is placed on a landowners property, Apex may contest the validity of the lien, but must bond against the lien or indemnify the landowner against enforcement of the lien in a way that satisfies the landowner. Specifically, the lease provides as follows: Lighthouse Wind will pay when due all claims for labor and material furnished to the Premises, and will not permit any mechanics, materialmens, contractors, or other claims of liens arising from any construction, maintenance, repair, or alteration of improvements by Lighthouse Wind to be enforced against the Premises or any part thereof.</p> <p>Regarding the Article 10 requirements, please refer to section 1000.4 Public Involvement, which states: (b) To ensure that the public and interested parties are fully assisted and advised in participating in the Article 10 process, an office of public information coordinator has been created within DPS. Public information coordination shall include: (1) implementing measures that assure public participation in matters before the Board; (2) responding to inquiries from the public for information on how to participate in matters before the Board; (3) assisting the public in requesting records relating to matters before the Board; (4) ensuring all interested persons are provided with a reasonable opportunity to participate at public meetings relating to matters before the Board; (5) ensuring that all necessary or required documents are available for public access on the DPS website; and (6) any other duties as may be prescribed by the Board, after consultation with DPS.</p>
20:45:39	8-May-15	Glenn	Maid		Taylor Quarles	<p>Our PIP states: public feedback will receive a response within ten business days, or, if a full response is not possible at that time, they will receive a message within that time to let them know when they can expect a full response.</p> <p>In regards to the response time, I have striven to respond to every question or comment received within 10 days, however, due to the high level of public involvement in the process at this early stage, there have been instances where this was not possible, and we are taking steps to address that issue. Moving forward it is our intention to abide by our response times stated in our PIP. These responses, or public information coordination, as stated in 1000.4 are referring to matters before the board. As stated earlier, this email address has been established to address stakeholder comments and questions in regard to the proposed Lighthouse Wind project, which in our case is the matter before the board. In cases where question or comments are not related to the proposed Lighthouse Wind project, our responses will focus on answering the question as they relate to this project and the Article 10 process.</p> <p>Sincerely,</p> <p>Taylor Quarles</p>

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20:48:03	8-May-15	Glenn	Maid		Taylor Quarles	<p>Mr. Maid,</p> <p>In response to your questions on decommissioning: As previously stated, the details you request will be included in parts of both our Preliminary Scoping Statement (PSS) and in our Application per Article 10 requirements. I listed some pertinent sections of these requirements in my last email to illustrate the level of detail required. The submittal of these documents will be at a time determined by Apex based upon the project development process.</p> <p>If a permit is issued through Article 10, it will contain numerous requirements to build the project, including requirements relating to decommissioning. My previous email listed some of these requirements. Apex will not make the final determinations on the requirements of a permit issued through Article 10. The requirements of the permit will be determined according to the siting board, and we expect that they will take local laws into consideration throughout this permitting process.</p> <p>The answers to many of your questions are not yet available due to the fact that the proposed Lighthouse Wind project is in only the early stages of permitting process. The project plans are being developed based upon information currently being gathered. More detail will be available in the PSS and Application. Both the PSS and Application have public comment periods which will allow you and other stakeholders to review the information and make comment. Both periods of comment will occur prior to any determination by the siting board.</p> <p>Sincerely, Taylor Quarles</p>
2:38:07	31-Mar-15	Christina	Mason		Christina Mason	<p>Can I get a copy of any proposed sites for these windmills, which land plots in the Town of Somerset? I am a landowner and would like to know where these are expected to be built.</p> <p>Thank you, in advance.</p> <p>Christina Mason</p> <p>Sent from my iPhone</p>
13:02:03	16-Apr-15	Christina	Mason		Taylor Quarles	<p>Christina,</p> <p>Thanks for reaching out with your question, and please pardon my delay in responding.</p> <p>We do not yet have the exact locations for wind turbines. Currently we are studying an area in the towns of Yates and Somerset. This area stretches from route 63 west to the Newfane county line. On the northern side, we don't intend to place any turbines north of lower lake road in either town. To the south our line of study varies across the site, however we intend for the turbines to be primarily north of Barker and Lyndonville.</p> <p>We intend to enter the next phase of the Article 10 permitting process, the preliminary scoping statement (PSS), within the next few months. This document will define the project area, include draft turbine layouts, and detail the numerous studies will will complete to study the impacts of this project.</p> <p>Don't hesitate to reach out by phone or email with additional questions.</p> <p>Sincerely, Taylor Quarles</p>

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10:40:59	11-Mar-15	John	Riggi	14068	Daniel Fitzgerald	<p>Email from John Riggi 2/21/2015</p> <p>Greetings Mr. Fitzgerald,</p> <p>As a requirement Article 10 and as committed to by APEX in the Public Information Plan (PIP), Lake Ontario Turbines, registered as Save Ontario Shores (SOS) is listed as a Stakeholder regarding the proposed Lighthouse Wind Project.</p> <p>We have not been communicated with, as yet, by APEX regarding our interests. Understanding that there may have been question on contact information, I am forwarding you SOS contact information by means of this communication.</p> <p>As President-SOS, I am formally submitting SOS contact information as follows:</p> <p>John B. Riggi Roger V. Barth President, SOS Director, SOS riggi53@verizon.net rvbarth@verizon.net</p> <p>You may consider Mr. Barth and myself as official contacts for Stakeholders known as Save Ontario Shores (SOS).</p> <p>We are expecting to hear from you shortly.</p> <p>Sincerely,</p> <p>John B. Riggi President, SOS</p> <p>Roger V. Barth Director, SOS</p>
10:42:00	11-Mar-15	John	Riggi	14068	Daniel Fitzgerald	<p>On Monday, March 2, 2015 5:43 PM, Dan Fitzgerald <dan.fitzgerald@apexcleanenergy.com> wrote:</p> <p>Mr. Riggi,</p> <p>You should have received an automated reply that I was out of the office last week. In the future, please address emails to lighthousewind@apexcleanenergy.com so that they may receive a more immediate response should I not be available.</p> <p>Thank you for clarifying the contact information. I have seen that your group has been active in discussing the project, and I believe that I have been in contact with several of your members individually. I have also been to your website and seen many of the concerns listed there and via the PSC website. I would be glad to meet with you, Mr. Barth, and any members of your group to further discuss the project and your concerns.</p> <p>Please suggest some dates and times when you are available so that we can make arrangements.</p> <p>Thank you.</p> <p>DAN FITZGERALD Senior Development Manager</p>

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10:42:52	11-Mar-15	John	Riggi	14068	Daniel Fitzgerald	<p>On 3/3/2015 John Riggi Emailed</p> <p>Mr. Fitzgerald,</p> <p>SOS wants to ensure that any meetings we have with APEX, pursuant to Article 10 requirements, are conducted formally and as such included into the official record of this issue. As you know, SOS is listed as a stakeholder. We have not received formal communication from APEX to meet with SOS.</p> <p>Need to understand when the official communication will be received.</p> <p>Thank you,</p> <p>John Riggi - President SOS</p>
10:44:47	11-Mar-15	John	Riggi	14068	Daniel Fitzgerald	<p>Mr. Riggi,</p> <p>Please see the attached letter requesting a meeting with your group.</p> <p>Thank you.</p>
20:23:14	14-Mar-15	John	Riggi	14068	John Riggi	<p>Greetings Mr. Fitzgerald,</p> <p>Save Ontario Shores (SOS) has been informed of an application by Ms. Donna Bane (Marshall Rd, Lyndonville, NY) for a Special Use Permit. SOS has also been informed that APEX has paid for this permit. SOS has also been informed that APEX/Ms. Bane desire this permit (if approved) to allow the erection of a Meteorological Tower near the intersection of Marshall Road and Lakeshore Road in the Town of Yates, NY. Lastly, SOS has learned that APEX plans a total of 4 MET towers at locations in and around the proposed location of the Industrial Wind Turbine Project also known as Lighthouse Wind.</p> <p>Considering the importance of MET Towers (and the data generated) to the proposed Lighthouse Wind Project, SOS is confident that there is an overall plan and scientific base for this activity. As such, SOS formally requests APEX to forward The APEX MET Tower Plan, as the plan is not included as an attachment to the Lighthouse Wind Public Information Plan (PIP). SOS needs to review this plan in order to understand:</p> <ul style="list-style-type: none"> - The need for an additional MET tower in this area of Western New York - The need for 2 additional MET towers (total of 4 MET towers) in this area of Western New York - Why this additional MET tower is needed at the location identified in the Special Use Permit Application - Additional information such as: the extrapolatory mathematics used to analyze data gleaned from a 190ft. MET tower and then translated 570ft height estimates. The mathematics are important, so please ensure that all proposed calculations are attached to the APEX response. <p>Please forward this information to:riggi53@verizon.net</p> <p>and</p> <p>Mr. John B. RiggiSave Ontario Shores, Inc.PO Box 57Lyndonville, NY 14098</p> <p>Thank you for your time.</p> <p>Sincerely,</p> <p>John B. RiggiPresident, Save Ontario Shores</p>

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3:19:16	25-Mar-15	John	Riggi	14068	John Riggi	<p>Ladies/Gentlemen, Save Ontario Shores, Inc. (SOS) is requesting objective evidence that APEX has submitted to and is compliant with the New York State Wind Industry Ethics Code as promulgated in 2009 by New York State. Current Wind Energy Companies on board with the Ethics Code are:</p> <ul style="list-style-type: none"> - Acciona Wind Energy USA, LLC, - BP Wind Energy North America, Inc., - Ecogen Wind, LLC, - E.on Climate and Renewables North America, Inc., - Everpower Wind Holdings, Inc., Horizon Wind Energy, LLC, - Iberdrola Renewables, Inc., - Invenergy Wind Development, LLC, - Northwind & Power, LLC, - Pattern Energy Group Holdings, - Penn Energy Trust, LLC, - Sustainable Energy Trust, Inc., - Upstate NY Power Corp. and Shell WindEnergy, Inc. - First Wind (formerly known as UPC Wind) - Noble Environmental Power, LLC
3:19:16	25-Mar-15	John	Riggi	14068	John Riggi	<p>APEX Clean Energy is not on this list and SOS is requesting confirmation of APEX's status regarding compliance with New York State's Wind Industry Ethics Code. Per the New York State Attorney General Office: "The Wind Industry Ethics Code is a direct result of the Attorney Generals ongoing investigation into, among other things, whether companies developing wind farms improperly sought land-use agreements with citizens and public officials, and whether improper benefits were given to public officials to influence their official actions relating to wind farm development. The Attorney Generals Wind Industry Ethics Code prohibits conflicts of interest between municipal officials and wind companies and establishes public disclosure requirements. The Code:</p> <ul style="list-style-type: none"> - Bans wind companies from hiring municipal employees or their relatives, giving gifts of more than \$10 during a one-year period, or providing any other form of compensation that is contingent on any action before a municipal agency - Prevents wind companies from soliciting, using, or knowingly receiving confidential information acquired by a municipal officer in the course of his or her official duties - Requires wind companies to establish and maintain a public Web site to disclose the names of all municipal officers or their relatives who have a financial stake in wind farm development - Requires wind companies to submit in writing to the municipal clerk for public inspection, and to publish in the local newspaper, the nature and scope of the municipal officers financial interest - Mandates that all wind easements and leases be in writing and filed with the County Clerk - Dictates that within sixty days of signing the Wind Industry Ethics Code, companies must conduct a seminar for employees about identifying and preventing conflicts of interest when working with municipal employees" <p>Please confirm APEX status and standing, via objective evidence, regarding the New York State Wind Industry Ethics Code. Sincerely, John B. Riggi President, SOS</p>

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15:45:37	27-Mar-15	John	Riggi	14068	Taylor Quarles	<p>Greetings Mr. Riggi, I am writing in response to your email regarding meteorological towers for the proposed Lighthouse Wind project.</p> <p>Please note that no "meteorological tower plan" is required for the public involvement program. Section 1000.4 of the Article 10 regulations specifies that the public involvement program must include:</p> <ul style="list-style-type: none"> (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; and (6) activities designed to encourage participation by stakeholders in the certification and compliance process. <p>Apex is happy to provide project stakeholders such as Save Ontario Shores with information to evaluate potential impacts, in keeping with its duty under Article 10 to consult with such stakeholders regarding such impacts. It is unclear how the information you have requested regarding the projects need for meteorological towers and the mathematics used to analyze data received from the towers relates to any potential impacts the project may have on Save Ontario Shores. Specific details of this analysis are sensitive and proprietary to the business of Apex, and as such damaging to the company if shared with our competitors via public documents.</p> <p>The special use permit in question is being submitted to the town of Yates per their zoning ordinance sections 591.21 and 591.22 for approval by the town board. As such, we are prepared to discuss this particular special use permit application with the town board in order to fully satisfy the requirements of the applicable local laws. It and other meteorological tower approvals are governed by the towns in which they are to be placed, and not the article 10 process.</p> <p>Sincerely, Taylor Quarles</p>
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22:55:38	5-Apr-15	John	Riggi	14068	John Riggi	<p>Mr. Quarles, Hope all is well.</p> <p>Thank you for your response. It is unacceptable. You have not appropriately responded to our questions. In fact, it seems that APEX is avoiding our questions and seem to be acting in a non-transparent manner. I feel that I must remind you that NYS Article 10 was promulgated into law as a means to improve transparency to the siting process. We take especial issue with the following statement from your e:mail of March 27th: "It is unclear how the information you have requested regarding the projects need for meteorological towers and the mathematics used to analyze data received from the towers relates to any potential impacts the project may have on Save Ontario Shores. Specific details of this analysis are sensitive and proprietary to the business of Apex, and as such damaging to the company if shared with our competitors via public documents."</p> <p>Given the fact that Save Ontario Shores, Inc. is an advocacy group comprised of the citizenry of the Towns of Somerset and Yates (the very location of Ground Zero for this Industrial Wind Turbine Emplacement Project), it is imperative that APEX forward this information. Frankly, unless "mathematics" is an opinion, Save Ontario Shores, Inc. sees no reason for the APEX position that "specific details of this analysis are sensitive and proprietary". While APEX may be concerned about damage to the company, Save Ontario Shores, Inc. is committed to the safety of human health, wildlife, environment and the quality of life and property at ground zero. As such, it is critical to understand the mathematical model APEX is using to extrapolate data obtained at the height of the MET Tower to any kind of validated, verified results at the proposed height of the Industrial Wind Turbines APEX is proposing.</p> <p>Given your concerns regarding the "proprietary" nature of the "mathematics", Save Ontario Shores, Inc. proposes and agrees to signing a non-disclosure agreement with APEX. Please forward the agreement for processing.</p> <p>Lastly, we still have not received any response from APEX on the other requests made in the March 14, 2015 request: "Considering the importance of MET Towers (and the data generated) to the proposed Lighthouse Wind Project, SOS is confident that there is an overall plan and scientific base for this activity. As such, SOS formally requests APEX to forward The APEX MET Tower Plan, as the plan is not included as an attachment to the Lighthouse Wind Public Information Plan (PIP). SOS needs to review this plan in order to understand:</p> <ul style="list-style-type: none"> > - The need for an additional MET tower in this area of Western New York > - The need for 2 additional MET towers (total of 4 MET towers) in this area of Western New York > - Why this additional MET tower is needed at the location identified in the Special Use Permit Application" <p>We are sure this is an oversight, so please forward this information to riggi53@verizon.net .</p> <p>Best Regards, John</p>
17:49:43	6-Apr-15	John	Riggi	14068	Daniel Fitzgerald	<p>Mr. Riggi,</p> <p>Apex Clean Energy has not been requested to enter into the Attorney General's Code of Conduct Agreement as have the other companies listed in your email. However as part of our stakeholder consultation, Apex Clean Energy has sent correspondence to the New York State Attorney General to make the Office aware of the project and has informed them that Apex will execute a Code of Conduct Agreement if the Office is still encouraging developers to do so.</p> <p>Thank you.</p>
20:15:24	10-Apr-15	John	Riggi	14068	John Riggi	<p>Mr. Quarles, The fact remains, APEX is not in compliance to the Code of Ethics. Regardless of APEX's position that the State has not returned to you, as of today, APEX is not functioning in compliance to the Code of Ethics. You need to inform APEX senior management that this is a significant issue for the citizens of New York State.</p> <p>Hope all is well, Best Regards, John RiggiPresident, SOS</p>

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20:43:16	16-Apr-15	John	Riggi	14068	John Riggi	<p>Mr. Quarles, I have not received a response from you via e:mail, nor have I heard from you via phone to my e:mail from April 5, 2015, stated below in its entirety: "Mr. Quarles, Hope all is well. Thank you for your response. It is unacceptable. You have not appropriately responded to our questions. In fact, it seems that APEX is avoiding our questions and seem to be acting in a non-transparent manner. I feel that I must remind you that NYS Article 10 was promulgated into law as a means to improve transparency to the siting process. We take especial issue with the following statement from your e:mail of March 27th: "It is unclear how the information you have requested regarding the projects need for meteorological towers and the mathematics used to analyze data received from the towers relates to any potential impacts the project may have on Save Ontario Shores. Specific details of this analysis are sensitive and proprietary to the business of Apex, and as such damaging to the company if shared with our competitors via public documents." Given the fact that Save Ontario Shores, Inc. is an advocacy group comprised of the citizenry of the Towns of Somerset and Yates (the very location of Ground Zero for this Industrial Wind Turbine Emplacement Project), it is imperative that APEX forward this information. Frankly, unless "mathematics" is an opinion, Save Ontario Shores, Inc. sees no reason for the APEX position that "specific details of this analysis are sensitive and proprietary". While APEX may be concerned about damage to the company, Save Ontario Shores, Inc. is committed to the safety of human health, wildlife, environment and the quality of life and property at ground zero. As such, it is critical to understand the mathematical model APEX is using to extrapolate data obtained at the height of the MET Tower to any kind of validated, verified results at the proposed height of the Industrial Wind Turbines APEX is proposing. Given your concerns regarding the "proprietary" nature of the "mathematics", Save Ontario Shores, Inc. proposes and agrees to signing a non-disclosure agreement with APEX. Please forward the agreement for processing.</p>
20:43:16	16-Apr-15	John	Riggi	14068	John Riggi	<p>Lastly, we still have not received any response from APEX on the other requests made in the March 14, 2015 request: "Considering the importance of MET Towers (and the data generated) to the proposed Lighthouse Wind Project, SOS is confident that there is an overall plan and scientific base for this activity. As such, SOS formally requests APEX to forward The APEX MET Tower Plan, as the plan is not included as an attachment to the Lighthouse Wind Public Information Plan (PIP). SOS needs to review this plan in order to understand: > - The need for an additional MET tower in this area of Western New York > - The need for 2 additional MET towers (total of 4 MET towers) in this area of Western New York > - Why this additional MET tower is needed at the location identified in the Special Use Permit Application" We are sure this is an oversight, so please forward this information to riggi53@verizon.net . Best Regards, John" Mr. Quarles, when might I be receiving a response? Best Regards, John Riggi</p>

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13:11:15	17-Apr-15	John	Riggi	14068	Taylor Quarles	<p>John,</p> <p>Good morning.</p> <p>16 NYCRR 1001.6(d) requires that the Article 10 application include wind meteorological analyses. Specifically, this details that "Exhibit 6: Wind Power Facilities" contains the following: "Wind meteorological analyses demonstrating adequate wind conditions supporting the estimated capacity factor for the facility".</p> <p>It is my understanding that there is a necessity for meteorological tower data implicit in this requirement to proceed with a full and complete application under Article 10 in order to demonstrate that the wind conditions support the estimated capacity factor. Use of meteorological towers at the proposed Lighthouse Wind project will therefore be implemented to serve both our own high internal standards at Apex as well as the standards established under Article 10.</p> <p>Sincerely,</p> <p>Taylor Quarles</p>
20:33:28	4-Apr-15	Paul	Salmons	14098	Paul Salmons	<p>My wife and I attended the meeting of the Public Service Commission and Wind Energy in Barker NY on April 1, 2015 concerning the proposed Lighthouse Wind project along the shores of Lake Ontario. According to the description of the meeting there would be two presentations provided by the Public Service Commission regarding the role of the and Article 10 and how residents can participate in the planning and review of the project, followed by a public question and answer period.</p> <p>Along with the many residents attending the meeting we had several questions regarding Article 10 and the proposed project. Unfortunately as soon as the 6:30 Article 10 presentation finished the meeting was cut off by and the concerned residents were told to stop asking questions and exit the hall!! We are extremely disappointed in the entire process and feel that we are getting this project shoved down our throats despite the many environmental and health dangers from the wind turbines.</p> <p>Our research has found a tremendous negative impact to the community ranging from lowered home values to debilitating health effects from the well documented infra-sound vibrations to the slaughter of the tens of thousands of migrating birds and bats that pass through this town every spring and fall. These 600ft industrial-scale turbines are too big for this rural community and will ruin this beautiful area for generations to come.</p> <p>It is a travesty that the public was kept from voicing their concerns at this public meeting! should not be allowed to do business in. They have NO concern for the people or environment, only the profits they can get from our tax dollars in the form of gifts from to build wind turbines. The whole thing makes no sense!</p> <p>APEX and the PSC must have another open house for the express purpose of answering concerns of residents affected by this plan!</p>

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11:30:44	16-Apr-15	Paul	Salmons	14098	Taylor Quarles	<p>My wife and I attended the meeting of the NYS Public Service Commission and APEX Wind Energy in Barker NY on April 1, 2015 concerning the proposed Lighthouse Wind project along the shores of Lake Ontario. According to the description of the meeting there would be two presentations provided by the Public Service Commission regarding the role of the PSC and Article 10 and how residents can participate in the planning and review of the project, followed by a public question and answer period. ☒</p> <p>Along with the many residents attending the meeting we had several questions regarding Article 10 and the proposed project. Unfortunately as soon as the 6:30 Article 10 presentation finished the meeting was cut off by APEX and the concerned residents were told to stop asking questions and exit the hall!! We are extremely disappointed in the entire process and feel that we are getting this project shoved down our throats despite the many environmental and health dangers from the wind turbines. ☒</p> <p>Our research has found a tremendous negative impact to the community ranging from lowered home values to debilitating health effects from the well documented infra-sound vibrations to the slaughter of the tens of thousands of migrating birds and bats that pass through this town every spring and fall. These 600ft industrial-scale turbines are WAY too big for this rural community and will ruin this beautiful area for generations to come. ☒</p> <p>It is a travesty that the public was kept from voicing their concerns at this public meeting! APEX should not be allowed to do business in NYS. They have NO concern for the people or environment, only the profits they can get from our tax dollars in the form of gifts from NYS to build wind turbines. The whole thing makes no sense! ☒</p> <p>APEX and the PSC must have another open house for the express purpose of answering concerns of residents affected by this plan!</p>
11:47:20	16-Apr-15	Paul	Salmons	14098	Taylor Quarles	<p>Paul,☒</p> <p>I am writing to follow up after reading the comment you left on our website regarding the recent open house. ☒</p> <p>Firstly, thank you for coming to our open house. Despite your disappointment, I hope that you learned a good deal from the Article 10 presentation, from the question and answer period, and from talking with any one of the 6 Apex representatives present to answer questions. ☒</p> <p>We scheduled the timing of the event with the Barker Fire Department prior to knowledge of when the Article 10 presentations were to take place. This occurred because the initial event was planned far in advance to allow for advertising in multiple media sources far out from our event date, per our Public Involvement Plan. Once the event was scheduled, we had confirmation that the Public Service Commission was able to come and offer a presentation on Article 10. ☒</p> <p>In order to keep our agreement with the folks at the Barker Fire Hall, we had to end the event when we did. Even then, we ran over our allotted time with them by a good bit. In the future, I would allot more time to allow folks to ask questions on the article 10 process, and to speak with the Apex representative about the project. ☒</p> <p>The next stage of our permitting process is to submit the preliminary scoping statement. Within this document we will outline the numerous studies to be done to understand the projects potential impact These include but are not limited to:☒</p> <ul style="list-style-type: none"> -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 ☒ <p>You can read about the PSS in more detail by visiting this link for the Department of Public Service Website:☒ http://www3.dps.ny.gov/W/PSCWeb.nsf/W/PSCWeb.nsf/All/D12E078BF7A746FF85257A70004EF402?OpenDocument☒</p> <p>Once again, thanks for attending our open house, and keep an eye out for future similar events.☒</p> <p>Taylor Quarles☒</p>

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14:16:14	18-Mar-15	Leah	Samson		Taylor Quarles	<p>Leah,</p> <p>I am following up from your email back in February. I had sent a response, but never heard back, thus wanted to make sure that you had received it. You mentioned that you were doing research on wind turbines and birds, and were interested in getting touch with our third-party wildlife consultants.</p> <p>Let me know if you are still working on this project, I would be happy to help.</p> <p>Regards,</p> <p>Taylor Quarles Development Manager -- Lighthouse Wind</p>
16:51:06	28-Mar-15	Leah	Samson		Leah Samson	<p>Taylor,</p> <p>I appreciate your follow up email, I apologize for not replying to your email sooner. My group just has a few questions that you can probably answer yourself. They are:</p> <ol style="list-style-type: none"> 1. Where exactly will the farm be located? Is it going to be very close to the shore of Lake Ontario? 2. What bird species are of greatest concern to your project? Are any endangered species going to be impacted? 3. Since this project is in the early stages of development, what motions will you be taking to prevent habitat alteration? 4. What are the publics major concerns with the project? <p>Wed appreciate if you would just give us the names of the third-party wildlife consultants so we can mention in our paper that you have taken steps to analyze the impact of this project.</p> <p>Thanks for your time, I look forward to hearing back from you soon,</p> <p>Leah Samson</p>

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21:11:50	7-Apr-15	Leah	Samson		Taylor Quarles	<p>Leah, Thanks for your message. Pardon the delay in response.</p> <p>The farm will be located in the towns of Somerset, Niagara County, and Yates, Orleans County, NY. The farm will stretch from the Somerset-Newfane town line on it's western edge over to Route 63 on it's eastern edge. While the project area does go up to the lakeshore in some places, no turbines would be placed north of Lower Lakeshore Road, with the majority of proposed turbines to be located north of Route 18. The project area to the south varies, but for the most part it will be north of Haight Road, dipping south in just a few spots. The exact location the layout is still to be determined, as we are still figuring out which landowners would like to participate.</p> <p>The next stage in our permitting process is the preliminary scoping statement(PSS). To learn more about the process, please refer to our website, or the public service commission page on article 10. In addition to numerous landowners and local government officials, we have also already met with the Department of Ag and Markets, the DEC, the Army Corp of Engineers, and the FWS. Utilizing the comments and suggestions from these agencies in addition to numerous other individuals and groups, we are designing our full study plan which will be submitted in the PSS. This submission and the proposed studies within will have to be approved by the state. At that time, we will contract for the studies to be done with specific third party groups. So, while we have been performing some avian studies over the last few months, unfortunately I will have to delay before putting you in contact with specific third party groups. Rest assured that once we select these groups, it will be public knowledge, as will the scope of their studies.</p> <p>While we do have general information on species in the region, we will have to wait the completion of these desktop and field studies before we can identify the species in the area, and those we believe to be at the greatest risk. These analyses will allow us to design our project in a way that minimizes habitat alteration. A good example of minimizing habitat alteration is the wetland delineation. Once we identify our preliminary turbine layout, and when the weather allows, a third party group will walk the proposed sites, mapping out which ones may come in contact with wetlands. If we do have any impact to wetlands, our permit will likely require mitigation of that impact by creating wetlands elsewhere.</p> <p>...</p>
21:11:50	7-Apr-15	Leah	Samson		Taylor Quarles	<p>Different landowners and members of the public have come up with numerous questions about the project. The majority of most folks questions have to do with developing an understanding of wind energy in general, and what we are proposing specifically at Lighthouse. Beyond the basics, some of the issues folks are interested in include setbacks, wildlife, noise/health, and economic impacts. We work hard to be available to answer any and all questions. Along those lines, we recently had an open house at the Barker Fire Department. It was a well attended event, which included two talks by the public service commission regarding the permitting, as well as 6 Apex staff on hand to answer other questions. I will be opening an office in downtown Barker in the next few weeks in order to be more available to walk ins who want to talk about the question. We are also planning to send out a newsletter shortly to everyone within a certain distance of the project area.</p> <p>Wind energy is a complex and exciting topic, thus I find it hard to go into much more detail currently. I am happy to answer any other specific questions by email, and also happy to talk by phone anytime! If you need more wildlife specific information, I can put you in contact with one of our biologists who handles wildlife and permitting issues.</p> <p>Thanks for your interest in the project, and look forward to the continued discourse. The PSS should be submitted sometime in the next few months. I understand if this puts you in a hard spot with a paper due by the end of the semester, but let me know what I can do to get you the specifics you need before then.</p> <p>Sincerely, Taylor Quarles</p>
14:14:55	25-Mar-15	Jim	Simon		Jim Simon	<p>Taylor, Thank you for informing of the upcoming meeting. I will try to attend.</p> <p>Jim</p>

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21:30:08	17-Apr-15	Jim	Simon		Jim Simon	<p>Thanks Taylor - See you there! Jim</p> <p>Jim --</p> <p>GCCs Medina campus is hosting a panel discussion on Apex Clean Energys Lighthouse Wind turbine proposal. It will be for LuAnn Tierneys HED 204 class (Intro to Healthful Living) and the general public. Dan Fitzgerald will represent Apex and John Riggi will represent Save Ontario Shores (citizen alliance against the proposal). The event begins at 7pm, Wednesday, April 22nd, Medina Campus (11470 Maple Ridge Rd, Medina 14103, 585-798-1688). Seating will be limited and open first to GCC students.</p> <p>Hope to see you there.</p> <p>Taylor Quarles</p> <p>Lighthouse Wind http://www.lighthousewind.com/</p>
13:50:31	7-Apr-15	Alice	Sokolow		Daniel Fitzgerald	<p>Ms. Sokolow,</p> <p>You recently sent questions to an individual employee email address regarding the Lighthouse Wind project. In order to properly respond and track the questions and comments, please resubmit your questions to info@lighthousewind.com.</p> <p>Thank you.</p>
20:23:06	7-Apr-15	Alice	Sokolow		Alice Sokolow	<p>Mr. Fitzgerald,</p> <p>I have some basic questions on the Apex, Lighthouse Project.</p> <p>What specific turbines will be used in the project? What Brand?</p> <p>Is this renewable electricity for local use?</p> <p>If not, what is the destination? for whom?</p> <p>What renewable benefits will there be? For whom?</p> <p>Thank you,</p> <p>Alice Sokolow</p>

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17:20:03	9-Apr-15	Alice	Sokolow		Alice Sokolow	<p>Dear Apex and Dan Fitzgerald,</p> <p>What is the turn around time for public questions? My original email was sent on March 27. The email used directed to Mr. Fitzgerald was the contact stated in Five Things You Should Know About Apex for Somerset Wind. https://d3n8a8pro7vhmx.cloudfront.net/somersetwind/pages/17/attachments/original/1419119061/About_Apex.pdf?1419119061</p> <p>On April 7 I was asked to resubmit. This correction should have been completed internally, not by me, but I resubmitted my questions as requested.</p> <p>What is the turn around for response and from which date?</p> <p style="text-align: center;">Alice Sokolow</p>
21:11:42	15-Apr-15	Alice	Sokolow		Alice Sokolow	<p>Dear Apex,</p> <p>I have received no response to my email of March 27 except the resubmission letter of April 7.</p> <p>Please note that I emailed the contact as directed in Five Things You Should Know About Apex for Somerset Wind. https://d3n8a8pro7vhmx.cloudfront.net/somersetwind/pages/17/attachments/original/1419119061/About_Apex.pdf?1419119061</p> <p>This should have been remediated internally but I obliged and resubmitted on April 9.</p> <p>The questions are the following-</p> <p>What specific turbines will be used in the project? What Brand?</p> <p>Is this renewable electricity for local use?</p> <p>If not, what is the destination? for whom?</p> <p>What renewable benefits will there be? For whom?</p> <p>Please respond either to the questions or why you cannot respond.</p> <p style="text-align: center;">Alice Sokolow</p>

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1:25:10	16-Apr-15	Alice	Sokolow		Daniel Fitzgerald	<p>Ms. Sokolow,</p> <p>The responses to your question are below. I apologize for any delay in this.</p> <p>What specific turbines will be used in the project? What Brand? -The turbine model is yet to be determined for the project. At this early stage of development we have provided general specifications for what may be expected for the turbine model. Throughout the development of the project, we will refine specifications for the turbines to be used based upon the data collected from the studies that will be performed. Further information on turbine type will be provided in the Article 10 Preliminary Scoping Statement and the Application.</p> <p>Is this renewable electricity for local use? -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>
1:25:10	16-Apr-15	Alice	Sokolow		Daniel Fitzgerald	<p>If not, what is the destination? for whom? -Please see the response to the previous question.</p> <p>What renewable benefits will there be? For whom? The renewable benefits are that the output from the currently proposed project will be enough to power up to 53,000 homes. It helps to attain the goals of the New York State Energy Plan.</p>

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1:56:04	16-Apr-15	Alice	Sokolow		Alice Sokolow	<p>Dear Apex,</p> <p>More questions-</p> <p>Will both the turbine and project be certified?</p> <p>When you state local grid are you selling the electricity to the NYISO? If so, then you do not determine who receives the electricity...commercial verses residential....so why the use of the statement of powering 53000 houses?</p> <p>Will the energy be bottled along the way?</p> <p>Are the renewable qualities bundled or unbundled?</p> <p>What part of the Energy Plan does it qualify for? RGGI? NYSEDA PON or RFP? other?</p> <p>Will excess renewable energy be sold to other states or other RPS's? I noticed that is transpiring for other wind projects.</p> <p>Thanks for responding.</p> <p>Alice Sokolow</p>
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13:25:50	4-May-15	Alice	Sokolow		Daniel Fitzgerald	<p>Ms. Sokolow,</p> <p>-Will both the turbine and project be certified? The project and its components will be reviewed and certified via the New York State Article 10 process by the Siting Board which includes the Public Service Commission.</p> <p>-When you state local grid are you selling the electricity to the NYISO? If so, then you do not determine who receives the electricity...commercial verses residential....so why the use of the statement of powering 53000 houses? NYISO does not [purchase electricity, they manage the state electrical grid and operate the market. The electricity is purchased by utilities or other entities to distribute to their customers. An explanation of how the markets work can be found here: http://www.nyiso.com/public/about_nyiso/understanding_the_markets/energy_market/index.jsp</p> <p>-Will the energy be bottled along the way? I assume that by bottled you mean that it would be constrained, that is, limited from getting to a delivery point. Constraints on the system are not an uncommon occurrence. It all depends upon how much load there is in a given area and how much generation there is in another.</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>
13:25:50	4-May-15	Alice	Sokolow		Daniel Fitzgerald	<p>Are the renewable qualities bundled or unbundled? No contract for the output of the project has yet been discussed, and therefore, it is unknown whether or not the renewable energy credits (RECs) will be bundled with a contract for the output.</p> <p>-What part of the Energy Plan does it qualify for? RGGI? NYSEDA PON or RFP? other? The New York State Energy Plan is an overall plan for energy in the state, and not a specific program. However, in regard to potential state incentive programs in which this project may participate, that is unknown at this time. The one potential program for in which the project may participate would be the Renewable Portfolio Standard (RPS) which holds requests for proposals for the RECs. This program is due to end in 2015, and no future program has yet been determined.</p> <p>-Will excess renewable energy be sold to other states or other RPS's? I noticed that is transpiring for other wind projects. As stated before, we have not yet determined the off-taker for this output, and delivery will be into the New York grid.</p> <p>Thank you.</p>

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23:23:33	13-Apr-15	Ray	Watt		Ray Watt	<p>My name is Ray Watt and I am strongly opposed to the construction of the proposed wind farm in the Town of Yates and Somerset. I own property on West Lake Road in the Town of Yates. There are so many reasons to oppose this project that it should be apparent to anyone with common sense. The long term effects concerning health of nearby residents. The long term effects of the "quiet" noise generated. The long term effects to the environment. The extreme rise in the cost of energy. The long term effects on property values. The opposition of the project by land owners.</p> <p>I have some questions that need answers:</p> <ul style="list-style-type: none"> (1) If turbines are such a good idea why does it require subsidies? (2) Why are land owners who sign a lease required to be silent? (3) Can local jurisdiction stop this project? If not, why not? (4) Does 23% efficiency sound good to anyone other then government? (5) If there was no cash incentive would any town government still think this is a good idea? (6) Can landowners sue both the utility and the local government body if the project proceeds and proves to be detrimental? (7) What will be the offset in miles from the lake shore if it goes forward? (8) Why is this project spread over two counties? (9) How much infrastructure has to be built in connection with the turbines? (10) Will elected officials knowingly ignore the taxpayers for special interest money for themselves? (11) Is destroying a countryside oasis for several six story monstrosities what local officials want as their legacy? (12) Was our area chosen because we are small and big can always roll over small? (13) Wouldn't it be fair that compensation for land owners directly impacted by potential health issues and loss of property values be equal to that paid to landowners where the turbines are placed for the same period of time of those contracts (30 years)? <p>Please stop this project now. Ray Watt, 10711 West Lake Rd., Town of Yates</p>
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22:10:12	20-Apr-15	Ray	Watt		Daniel Fitzgerald	<p>Mr. Watt, We are in the early stages of development of the project, and some of the information that you have requested is not yet available. Some of your questions were specific to local officials. Our responses are to project related questions. If you have questions for the elected officials we suggest that you contact them.</p> <p>(1) If turbines are such a good idea why does it require subsidies?</p> <p>Wind power is quickly becoming competitive with other sources of electricity, and within a few years, we believe the Production Tax Credit (PTC) will no longer be needed. (In 2012, the price of wind sold under new contracts averaged 4 cents per kilowatt hour - 50% lower than in 2009.) In the meantime, the PTC is providing a meaningful incentive to help fuel the development of the infrastructure and production that will allow this trend to continue.</p> <p>All domestic energy sources have historically been subsidized, partly to help encourage the production of energy domestically. Fossil fuels in their start-up period got five times more in government incentives than renewable energy has, and nuclear got 10 times as much. Since 1950, 70% of all energy subsidies have gone to fossil fuels. As recently as 2002-2007, they got nearly five times as much in tax incentives as renewables.</p> <p>(2) Why are land owners who sign a lease required to be silent?</p> <p>Land owners are not required to be silent. They are expressly free to provide information to any government agency, appear at any public proceeding and express their opinion so long as they do not explicitly oppose the project. As with many business agreements, there are portions of this business agreement which are kept confidential, including financial information and trade secrets, however, the land owners are not limited in speaking about the project or their lease with their friends, neighbors or advisors prior to signing the lease. Because of the complex and dynamic nature of the project and the chance of inadvertently giving inaccurate or incomplete information about the project, we request that landowners contact us first before issuing press releases or making statements to the news media.</p> <p>(3) Can local jurisdiction stop this project? If not, why not?</p> <p>According to New York State Law, this project must be permitted under the Article 10 process which is run by the Siting Board. The Siting Board includes 2 members that are recommended by local officials. Additionally, the Article 10 process allows for direct comment from all stakeholders.</p>
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22:10:12	20-Apr-15	Ray	Watt		Daniel Fitzgerald	<p>(4) Does 23% efficiency sound good to anyone other than government? The final net capacity factor of this project will be determined once the proposal and application are finalized. 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.</p> <p>(5) If there was no cash incentive would any town government still think this is a good idea? As stated previously, we cannot speak to the intent of elected officials.</p> <p>(6) Can landowners sue both the utility and the local government body if the project proceeds and proves to be detrimental. It seems that this comment should be directed to the utility or the local government body.</p> <p>(7) What will be the offset in miles from the lake shore if it goes forward? Though the locations of the wind turbines are not yet set, we do not plan for any wind turbines to be placed north of Lakeshore Road in Yates, or north of Lakeshore Road in Somerset. Additionally, setback requirements from roads and occupied residences will keep wind turbines further south of these roads as well.</p>
22:10:12	20-Apr-15	Ray	Watt		Daniel Fitzgerald	<p>(8) Why is this project spread over two counties? The location of the proposed project location was based upon wind resource, proximity to electrical transmission, and open land. (9) How much infrastructure has to be built in connection with the turbines?</p> <p>It is too early in the project development to quantify the total amount of infrastructure. This information will be made available in the application when it is submitted.</p> <p>(10) Will elected officials knowingly ignore the taxpayers for special interest money for themselves? As stated previously, we cannot speak to the intent of elected officials.</p> <p>(11) Is destroying a countryside oasis for several six story monstrosities what local officials want as their legacy? As stated previously, we cannot speak to the intent of elected officials.</p> <p>(12) Was our area chosen because we are small and big can always roll over small? The location of the proposed project location was based upon wind resource, proximity to electrical transmission, and open land.</p> <p>(13) Wouldn't it be fair that compensation for land owners directly impacted by potential health issues and loss of property values be equal to that paid to landowners where the turbines are placed for the same period of time of those contracts (30 years)? There will be an opportunity for adjacent landowners to participate in the project and receive compensation. Additionally the whole community will benefit by way of agreements with the taxing jurisdictions for yearly payments.</p> <p>Thank you.</p>

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18:23:13	22-Mar-15	Mary	Hayes		Mary Hayes	<p>Gentlemen,☒</p> <p>As a concerned landowner in the town of Yates and one that would be directly affected by your proposed project I've been hearing a lot of concerns over the boundaries of this project. Is there any truth that original plans are now expanding in any direction? If so, does the PIP need to be updated and or revised? Most concerning, will the public ever be advised of any changes, if so how?☒</p> <p>Thank you for addressing my concerns,☒</p> <p>Mary Hayes☒</p>
21:44:52	24-Mar-15	Mary	Hayes		Taylor Quarles	<p>Mary,</p> <p>We are speaking with many stakeholders and landowners both inside and outside the project boundary as shown in the PIP. Part of the development process is to explore alternative options for the project. There is the possibility that additional lands outside the project boundaries may be leased to provide for potential alternatives.</p> <p>I would suggest that you visit the article 10 section of our website here: http://www.lighthousewind.com/article_10 It offers a guide to what type of information will be offered under article 10, and at what time. It also offers links to the New York State run siting board which is in charge of the process. Furthermore, Public Service Commission representatives will be present at our upcoming open house on April 1st. They will be giving two identical talks, one at 4:30-5:00 and one at 6:30-7:00, which cover the article 10 process, as well as be present to answer individuals questions on the article 10 process.</p> <p>Taylor Quarles</p>
0:33:04	25-Mar-15	Mary	Hayes		Mary Hayes	<p>Mr.Quarles,☒</p> <p>Maybe I need to clarify my question, Is Apex speaking with stakeholders and land owners outside of Yates and Somerset? If so, as I understand article X you are required to engage in public outreach to the people, governments and stakeholders of said towns. Mr. Quarles I believe if Apex is exploring alternative options outside the originally stated project boundaries the people who would be directly affected NEED to know NOW.☒</p> <p>---- info@lighthousewind.com wrote: ☒</p>
20:38:41	30-Mar-15	Mary	Hayes		Taylor Quarles	<p>Mary,</p> <p>We are not currently approaching landowners outside of Somerset and Yates.</p> <p>We are engaging in outreach activities, as described by our Public Involvement Plan to numerous stakeholders outside of Somerset and Yates. This outreach focuses on stakeholders within a five mile buffer of the proposed project area, but also includes other stakeholders throughout New York and other states. A complete list of our stakeholders is an appendix of our PIP.</p> <p>Thank You,</p> <p>Taylor Quarles</p>