
NHSG Website inquiry

Andrew Kellar <andrew@nhsolargarden.com>
To: "Crowell, Josh" <josh.crowell@und.edu>

Sat, Oct 9, 2021 at 1:34 PM

Josh,

There will be a time when the public is invited to say something. And there will be a moderator to handle the Zoom and in person folks interested in meeting. You will have 3 mins to speak and ask questions to keep the meeting moving so keeping your questions/comments short and to the point is always appreciated from the board's perspective.

Thanks...Andrew

On Fri, Oct 8, 2021 at 3:48 PM Crowell, Josh <josh.crowell@und.edu> wrote:

Thank you for taking so much time with me. I also apologize for cutting you off a few times. When I feel time pressure I have a bad habit of doing that and I knew I was running up on a deadline.

My last question relates to the townhall meeting on Tuesday. You have participated in that type of meeting many times I presume, but I have not. I don't know if I should have any kind of specific talking points prepared or if I should just respond as appropriate in the meeting.

I presume you with have a presentation and everyone else will just be talking, but I am honestly not certain.

Thanks again,

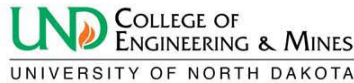
Josh Crowell

Dr. Josh Crowell**Instructor | School of Geology and Geological Engineering**

College of Engineering and Mines | University of North Dakota

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email: josh.crowell@und.edu

From: Andrew Kellar <andrew@nhsolargarden.com>
Sent: Friday, October 8, 2021 11:37 AM
To: Crowell, Josh <josh.crowell@und.edu>
Cc: Mike Sudak <mike@attarengineering.com>; Ken Wood <ken@attarengineering.com>
Subject: Re: NHSG Website inquiry

Hi Josh,

I wanted to thank you for the time today on the phone. As I stated, I always appreciate abutter concerns being handled in a professional manner with accurate details and facts about our development. As we have seen in our culture as of late, mis-information is toxic and does not help us to do our parts to fight climate change. Your perspective as a professional engineer was really appreciated and I can tell you have a better handle on the items your mom was concerned about and can report back to her with the correct information. Specifically, run off to the York river, the impact to the habitat, view shed, utility poles, offsite vernal pool, access, care of the road during construction and large truck traffic concerns.

We hope the additional information I shared about the pollinator plans, the Great Thicket refuge conservation ideas and the overall development plan will allow your family to finally sell the property and meet some of your grandfather's wishes around the use of this property being for the betterment of the Eliot community.

Feel free to reach out if any follow up questions arise.

Best Regards,

Andrew

603-817-1175

On Fri, Oct 8, 2021 at 8:36 AM Andrew Kellar <andrew@nhsolargarden.com> wrote:

Hi Dr. Crowell,

It is so nice to hear from you. Feel free to call me today so I can walk you through these questions in more detail. And feel free to ask other questions so my engineers (cc'ed on this email) can provide more technical information you might be seeking.

But at a high level, I can assure you we have a strict State DEP process we have to follow to receive approvals related to erosion control, stormwater and wetland impacts before any change of the land can occur. And we will only be taking down about 10 acres of trees (less than 15% of the property land area) and planting a pollinator mix to enhance the new habitat environment while raising the fence lines 6-12" for the small animals to travel throughout the site.

As far as the sunlight goes, we design for the winter soiling at this exact location, with the equipment we have identified and at the exact angle of the panels. Historically, only about 7% of the power is produced during the winter months when snow might be on the panels, but from personal experience, I can tell you the snow sheds off the panels as quickly as your skylight does on your roof after a snow event. We do not include any chemical treatments for snow or vegetation management on our projects and the pollinator plan is also part of our O&M plan to minimize mechanical vegetation & mowing. I am not sure where you got 15 MWs. This is a 2 MW project which is the recently enacted State limit for solar unless your project received their grandfathered status by way of their CMP or net energy billing (NEB) approval prior to 12/31/20. Then it could be up to 5 MWs only.

Please find our planning board FAQs that will also add more information that will help you understand how Community Solar Projects are developed in New England versus other areas in the country that have different challenges than what we face in this area of the country.

I look forward to meeting you if you make it to the meeting next week.

Regards,

Andrew

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Andrew Kellar

Project Developer/Founder

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On Thu, Oct 7, 2021 at 8:18 PM Crowell, Josh <josh.crowell@und.edu> wrote:

Hello Andrew,

I am writing to try and get some more information about the proposed solar farm in Eliot Maine.

I was just informed about the proposed project and that there is a meeting next week (Oct 12) in the town to approve or decline the project and I have been invited to attend since it is my family that owns much of the land.

I am an environmental geology professor and have questions and concerns before supporting the project.

Looking through your website I found the map of the proposed project, however the resolution is so bad that I cannot read anything on it. Would you be able to provide me with a high resolution map before the meeting?

My biggest concern is related to erosion since the area would have to be clear-cut and it is downhill to the river. Are there plans to mitigate the erosion? I presume there is a plan, and would love to hear it before the meeting so I can go in prepared.

My final questions/concerns at this time relates to how you address snow and reduced sunlight in the winter months in New England. Will deicing chemicals be used during the winter to keep the panels clear, or do you have a different method? Is 15 MW the annual average or is it the peak production in the summer?

I appreciate your time and effort responding to my concerns and hope the answers mean I can support the project at the townhall meeting.

Dr. Josh Crowell

Dr. Josh Crowell

Instructor | School of Geology and Geological Engineering

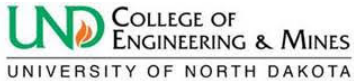
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