

**From:** [William Shane](#)  
**To:** [Kevin Conroy](#)  
**Cc:** [Whitney Miller](#)  
**Subject:** RE: MSAD 51 Solar Farm Project - RFQ - questions (2)  
**Date:** Tuesday, September 20, 2022 6:20:00 PM

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**A few quick questions:**

1. Number of project awards?
  - a. The RFQ references a 2 MWac solar farm, but then later references 'project(s)'. Is the Town looking for a single 2 MWac array? Multiple arrays in 2 MWac aggregate capacity?

**Asking for experience with 2 MW facilities – working with Schools or Towns would be helpful information, but the size of the field is on one site should be at least 2MW.**

2. Why 2 MWac?
  - a. I spent the last (2) years managing Central Maine Power's interconnections group which included a lot of time at the Maine Public Utilities Commission so I'm familiar with the net energy billing/metering capacity reduction to 2 MWs
  - b. There's a huge efficiency gained when interconnecting a smaller system (i.e. 900 kWac) that allows it to be approved in a fraction of the time at the fraction of the cost. The efficiencies in development are greater than the efficiencies lost by constructing a smaller site. I would propose building two to three 900 kWac systems.
  - c. Can the Town(s) procure more than 2 MWs (or more than 2,800 kWh's annually) or solar energy?

**A question for later discussions- we currently have a .6 MW facility that is for all Town buildings.**

3. Private or public land?
  - a. Can the project(s) be sited on private land? Though there'd be no lease revenue for the Town (fairly minor anyway), It would make the contracting arrangement much easier.

**Both options are on the table. We are exploring options with local landowners now.**

4. Buy-out provision required?
  - a. Though I understand the town(s) would like a provision to buy-out the system (typical suggestions made by companies such as Revision Energy, like the Landfill solar project), I believe it's in the Towns best interest to have zero ownership/liability in operating and

maintaining the solar array since the Town is not in that business. It's much more complicated than physically mowing or plowing periodically – there are electrical issues, warranty issues, programming issues, contractual settlement issues, updates/upgrades, etc.

**We would like to own the facility and contract out for maintenance services in the future. Again, all options are on the table.**

**From:** [William Shane](#)  
**To:** [Michael Bartner](#)  
**Cc:** [Whitney Miller](#)  
**Subject:** RE: MSAD 51 Solar Farm Project - RFQ Response Solar Farm  
**Date:** Tuesday, September 20, 2022 6:10:00 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)

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Hi Michael,

Thank you for your interest. **No Site in Cumberland or North Yarmouth** that is currently being explored for a potential School Site Solar facility for this project should be used in your response to section **E page 5 of the RFQ**.

**Question:**

***Should we be using the 198 Tuttle Road address when answering Section E?***

E. Technical description

- A system schematic design layout for the solar PV system, including PV model type and model number, wattage, number of modules, year 1 estimated production, degradation percentage, inverter type and model, mounting system type, azimuth, tilt, and system size (AC and DC).
- Details about the estimated kilowatt hours (kWh) generated by the proposed PV systems, including all necessary assumptions such as sunlight availability, dark time, maintenance downtime, mean time between failures, efficiency of the system proposed, efficiency losses, and net metering.
- A complete project schedule indicating major project milestones and durations.



**William R. Shane P.E.**

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**From:** Michael Bartner <mbartner@revisionenergy.com>

**Sent:** Monday, September 19, 2022 11:01 AM

**To:** William Shane <wshane@cumberlandmaine.com>

**Subject:** MSAD 51 Solar Farm Project

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Hi Bill,

ReVision Energy looks forward to submitting a response to the request for a RFQ for a solar project to benefit MSAD 51.

Section E (page 5) asks for a technical description with design layout, estimated annual production, etc.

The RFQ states the Towns are currently exploring sites with local landowners for this project.

A colleague sent me some documents indicating 198 Tuttle Road in Cumberland is one location the Town is considering.

Should we be using the 198 Tuttle Road address when answering Section E?

Thank you,

Michael



**Michael Bartner** | Employee-Owner | Commercial Solar Consultant  
[ReVision Energy](#), a [Certified B Corp](#)

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**From:** [William Shane](#)  
**To:** [Latimer, Patricia](#)  
**Cc:** [Comeau, Nicole](#); [Jackson, Robert](#); [Whitney Miller](#); [Chris Bolduc](#)  
**Subject:** RE: MSAD 51 Solar Farm Project - Questions on RFP - Ameresco  
**Date:** Thursday, September 22, 2022 9:11:00 AM

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Regarding the **MSAD 51 Solar Farm Project**:

1. Our company is developing several solar projects within CMP service territory, which are currently within the later stages of the development process. Will the Towns consider offtake from a project outside of the Towns of North Yarmouth and Cumberland?

**Yes- would like to see within 30 – 60 mile radius if possible.**

2. Will the Towns consider a PPA proposal without a buyout option?

**It would be the MSAD 51's final decision- not sure why they would do that- our advice would be a buy out only.**

3. Per the ME NEB Program, the offtake contracts are 20 years in duration, will the Towns consider a PPA for a longer duration than 7 years?

**Yes- that is a realistic option**

4. Per Section E of the RFQ, technical and design specifications are required, although the specific property has not been identified. Please provide clarification on the system design information requested. Will the Towns have the property identified before the RFQ due date?

**Submitting a similar sized project which you installed would meet this expectations of this section- we do not anticipate we will have a property under lease or potential lease before selecting the Team to work with our committee.**

Thank you for addressing these questions.

Have a great day.

Patricia Latimer  
Manager - Proposals

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