



December 2, 2019

Town of Buckland, Energy Committee  
17 State Street  
Shelburne Falls, MA 01370

Solar Cooperative (Community Solar) Proposal for Site Evaluation and Permitting

Dear Energy Committee,

Northeast Solar is pleased to offer the following proposal to the town of Buckland. The proposal is facilitated by the town's award of the 2019 META Grant for *"Community Shared Solar: An assessment to explore a community shared solar system on private or public property."* This grant will allow the town to assess local sites for the possible installation of Solar Cooperative energy systems.

Per the grant application, Northeast Solar will provide the following services to assess town owned land for the development of solar cooperative energy systems. These services will be broken up into four phases.

Phase one will be to visit and review each site for its viability. This phase will determine whether the site has adequate solar access, access to utility interconnection, reasonable site preparation and enough acreage.

Sites that pass the phase one review will be screened further in phase two. These sites will have preliminary designs to estimate array size, production, construction considerations and access to utility interconnection. Once that review is completed the sites will be ranked for development potential.

The ranked sites from phase two will be prioritized for final permitting and interconnection. Phase three permitting priority will be focused on those sites with the highest ranking from phase two. At the completion of phase three the town will have sites that are ready for construction and solicitation for developers.

Stage four will be undertaken by the developer the town selects for the sites. Northeast Solar will be submitting a development proposal to the town as part of the program. If selected Northeast Solar will prepare and conduct an outreach program to the community for participation in the solar cooperatives.



## **Proposal deliverables and phase breakouts**

### **Phase One**

1. Locate and discuss all possible sites to host solar installation – select top three sites
2. Do site assessments on max of **three** location

### **Phase Two**

3. Do a preliminary array design for each site
4. Prioritize site location development – select **one** site for development

### **Phase Three**

5. Construct surveyed layout and planning board permitting packet for selected site
6. Make wetlands delineation and produce permit package for Conservation Commission – If needed
7. Finalize permitting for selected site
8. Produce solar array electrical engineering one line for submission with interconnection
9. Create and submit interconnection packet

### **Phase Four**

10. Create a community outreach program for future solar cooperative participants

***Cost for all services in proposal - \$11,500***

### **Cost Breakout**

Phase One – 20% - \$2,300  
Phase Two – 30% - \$3,450  
Phase Three – 40% - \$4,600  
Phase Four - 10% - \$1,500 – Marketing Material

Thank you for the opportunity to submit this proposal for your consideration. I look forward to discussing this in greater detail with the Buckland Energy Committee.

Kind regards,

Gregory Garrison, President  
Northeast Solar

**Northeast Solar • 136 Elm Street • Hatfield MA • 01038 • 413-247-6045**