

IN-PERSON & HANDS-ON WORKSHOP
Solar-Powered Water Pumping Systems for Livestock

Thursday & Friday, October 21st-22nd 9AM – 4PM

[Shenandoah Valley AREC - McCormick Farm 128 McCormick Farm Circle Raphine, Virginia](#)



Please join us for an in-person and hands-on workshop focused on water pumping systems for livestock. Participants will learn the principles and applications of solar-electric water pumping. The primary focus will be on solar-powered water pumping systems, however, some other alternatives will be discussed too. Please join us to learn more about these systems, some considerations for their use, and hear farmer experiences.

Topics

- *Management Considerations*
- *Basics of Photovoltaics (PV)*
- *Siting Considerations*
- *System Components, Design & Equipment Specifications*
- *Farmer Experiences*
- *And More!*

**SPACE LIMITED &
PRE-REGISTRATION REQUIRED**

**\$40 REGISTRATION FEE
INCLUDES LUNCH EACH DAY**

Featured Workshop Trainer: Ken Gardner, SEI Mr. Gardner conducts training sessions for [Solar Energy International \(SEI\)](#) as part of their industry-leading renewable energy technical training program. His company, Gardner Engineering Alternative Energy Services, based in Utah, designs and installs solar-, hydro-, and wind-electric systems.

Speakers from Virginia Cooperative Extension: [Matt Booher](#), Rockingham/VCE, [Dr. Gabe Pent](#), Shen Valley AREC/VT & [John Ignosh](#), Biological Systems Eng. Extension/VT

PLEASE REGISTER FOR THIS WORKSHOP AT:

<https://vaforages.org/event/solar-powered-water-pumping-systems-for-livestock/>

Workshop Made Possible By:



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If you are a person with a disability and desire any assistive devices, services or other accommodations to participate in this activity, please contact John Ignosh, at 540-432-6029/(TDD 800-828-1120) during business hours of 8 a.m. and 5 p.m. to discuss accommodations 5 days prior to the event.