

**TECHNICAL ASSISTANCE REQUEST (2 pages, including images, will be made public)**

Provide a two-page description of the unique challenges and needs a national lab, private facility, and/or member of the American-Made Network could potentially help you resolve. The Prize Administrator will make this request broadly available so members of the American-Made Network can understand your needs and assist you through the voucher program or otherwise.

Agrology needs the following support to overcome our unique challenges:

- 1) Mobile Application Design. We do not have a designer on our team, and we need a Designer to drive the User Experience development of our application. A member of the American-Made Network who can work as our designer is essential.
- 2) Field testing. We need locations that support field testing. This would ideally be a national lab or university lab with agricultural crops, irrigation water pumps, and solar power. The solar system would have sensing and metering to help us track the alignment of our solar irrigation schedules with the PV systems production.
- 3) Customer Discovery introductions and preliminary business development. We need support to reach additional potential customers beyond our existing pilot sites. Anyone who has worked with farmers who pump irrigation water for their crops, including private sector agronomists, irrigation equipment suppliers, and solar system suppliers could facilitate and provide us with the introductions and customer discovery support necessary.