



Subject: American Made Solar Prize

Project: AI enabled battery less Grid Hybrid Solar Inverter

We are looking for a technical assistance in the following areas to expedite our product development. Though some of these can be done in house, we believe partnering with expert organization would help execute our plans in timely manner and help build a superior quality product.

We truly want to create American leadership in this industry with superior quality products and cost-effective production with high level of automation which only comes from economies of scale. Help we are looking for is listed below. We welcome partners to reach out to us for further discussions.

1. UL certification review and execution: Our product needs to get certified for UL 1741 and other standards. This is a complex and timing consuming process. Financial support as well as higher priority support will be very valuable to reduce time to market and help us contribute to American Made project.
2. Independent testing of our 3/5KW Inverter: We are seeking a lab with expertise in inverters who can conductor extensive evaluation of our product when its ready and provide us feedback in timely manner.
3. Field Testing of our 3/5KW Inverter: Though we have partner agreement for the field testing, we are looking for more partner who can provide us real world installation at an early stage.
4. Quality and reliability testing of 3/5KW product: We need access to labs where we can perform extensive quality and reliability testing including EMC testing.
5. Sounding partner with expertise in Inverter markets, features and functions: Partners who could review our design, function and features regularly to provide us feedback.
6. Partner who could support us in design reviews and specifications to make our products suitable for Military, Navy and Air Force deployments.



7. Partners with experience in sub-zero temperature power systems design: We plan to develop rugged version of our product for border security applications. This would be a derivative product under definition. Our products can be used to secure national borders by monitoring and controlling Radar, Lidar, imaging.
8. Partners with experience with US utilities trials: Utilities will gain major benefit using our products as it helps them improve their customer satisfaction. During solar hours, utilities can perform preventive maintenance, shut down the grid without disrupting power to the critical loads. We seek assistance in working with them. UACI has already offered us this support but we seek this support in California as our home market.
9. Partner to support enclosures designs of an integrated product with Power and computing: We are looking for metal enclosure design expertise and manufacturing support to be able to produce these products in US.
10. Communications and remote monitoring software expertise: Any support in testing and evaluating our remote monitoring platform would be helpful.
11. Artificial intelligence implementation expertise: We are interested in building AI expertise for creating game changing systems. Any support from companies such as Google or Microsoft will make a major positive impact on our company.