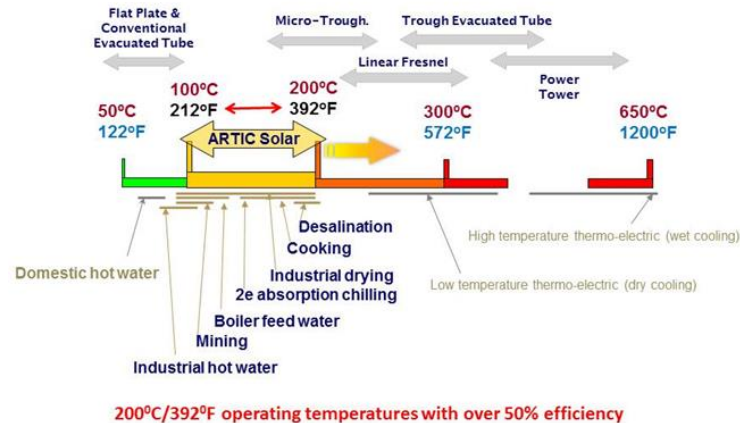




### American Made Solar Prize Technical Assistance Request

Artic Solar, Inc. is a Certified Veteran Owned Small Business located in Jacksonville, FL. We currently manufacture the XCPC Non-tracking, high temperature concentrating solar thermal collector. The XCPC generates temperatures in excess of 400°F/200°C, which will cost effectively provide solar solutions for a number of commercial & industrial sectors. The high temperatures generated by a building integrated solar thermal collector is a significant advancement of Solar Thermal and has the potential to reduce a significant amount of Green House Gas (GHG) and energy savings.



Once we have been awarded the American Made Solar Prize, we will need technical assistance for facility operations, business development, product design, prototype testing and complete systems integration.

Artic Solar has asked **Clean Tech Concepts** to assist us with business development, financing and investments to assist us in raising the necessary capital for the advanced evacuated tube manufacturing facility and necessary manufacturing equipment. Identifying strategic partners and preferably strategic investors with interests in the commercial and industrial sectors who would use high temperature solar solutions.

**National Renewable Energy Lab (NREL)** as one of the leading national laboratories involved with the Concentrating Solar Power industry, NREL is very qualified to assist us in the integration of the XCPC with the advanced evacuated tube in power generation applications. NREL would also assist with fabricating absorber designs, testing and evaluation of prototypes, material selections, absorber coatings, glass to metal seals and new or emerging vacuum strategies.

**Cadmus Group** to assist with go-to-market strategies, and because of the large market opportunities and diverse industry applications that need high temperature heat, we need assistance with the preparation of a business plan for specific markets which will result in business development.

All of the requests identified above would be extremely important to the success and growth of the company.

Artic Solar Inc.  
1057 Ellis Road North #17  
Jacksonville, FL 32254

Phone: 904-513-4638  
Email: [bill@articsolar.com](mailto:bill@articsolar.com)  
[www.articsolar.com](http://www.articsolar.com)