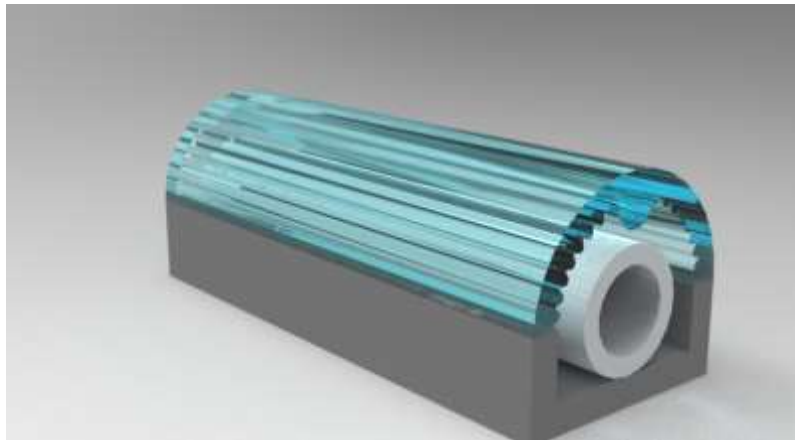


Meknology LLC Technical Assistance Request for Sunset Savior Project

Meknology LLC is developing a patent pending construction to heat water using a dual chambered solar concentrator that is under pressure. It's outer chamber is subjected to vacuum creating an insulator area to maintain a superheated liquid water state in the inner pressurized chamber.

Figure: Solar Concentrator Heating Dual Chamber Box with External Vacuum Area and Internal High-Pressure Region



At the end of the day, valves will open and allow for the high-pressure fluid to flash boil at atmospheric pressure to be released into a turbine to generate power. A bank of these will be connected to produce an average output.

Meknology LLC requires

1. Assistance with Design of the turbine and intake system downstream of a vacuum manifold (not pictured). The conditions to create the steam may require additional design expertise with the manifold system.
2. Defining potential ecological impacts of sound and steam release into the environment.
3. Control Hardware and Sensing Expertise and Suggestions as well as MIMO System Design
4. Governmental regulatory requirements
5. Sourcing and Logistics of Materials
6. Construction Crew Hiring and Contractual Agreements
7. Local Union Negotiations
8. Seismic Considerations and Foundation Design
9. Site Selection for Final High Fidelity Large Scale Design