

## Technical Requests

### Materials and Testing

I hope to research and compare the efficiencies and effectiveness between different materials as it pertains to streamlined mass manufacturing, overall energy efficiency and overall design.

The materials I would need are as follows:

- Micro Bifacial Solar Cell (Or manufacturer capable of cutting to custom size)
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- Sphelar has a unique spherical solar cell that would be ideal for testing. Unfortunately over the past few years I have not been able to get in contact with them.
- Conductive Nitinol Wire for comparison and form-factor testing
- Rolatube is a bi-stable rollable structural composites manufacturer. Ideally it would be easiest to purchase from them directly.
- Access to prefab “tiny” homes (homes of less than 500ish sqft) will be ideal for preliminary microgrid testing

### Patent Expertise

My designs are unique and I have started the provisional patent to secure intellectual property protection but I need help to finalize it for submission

### Crowdfunding Expertise

The collapsible solar tower is a direct to consumer product and an ideal candidate for garnering market interest through a crowdfunding platform and facilitating product interest.

### Technical Modeling

Access to an accurate modeling algorithm of sunlight with accurate factors based on the time of year and longitude and latitude will help streamline iterations