

# Amukherjee's challenge details for challenge:

## Solar Prize Round 6

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### Explanation

We need assistance with free space optical transceiver design and prototyping, wireless power transfer experiments, and access to a microgrid testbed containing distributed energy resources and battery storage components.

### Key Needs

- Manufacturing (1 / 5): For scaling up our solution
- Fabrication & Prototyping (5 / 5): To develop our MVP
- Testing and Validation (1 / 5): For the Set! and Go! phases
- Product Development (2 / 5): To develop a viable product roadmap
- System Design (3 / 5): Design a test microgrid in a community solar setting.

### Matches

1. [EST Venturi Systems LLC](#): 87.77%
2. [RDH Building Science Inc.](#): 87.58%
3. [Georgia Institute of Technology](#): 87.57%
4. [D2Solar](#): 87.50%
5. [Solar Inventions](#): 87.50%
6. [Tomorrow Lab](#): 87.50%
7. [GoSun](#): 87.50%
8. [Swift Coat Inc](#): 87.50%
9. [HomeMe Group, Inc.](#): 87.50%
10. [Filtration Energy Solutions Inc](#): 87.50%