

Emma Romig's challenge details for challenge:

Solar Prize Round 5

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Explanation

Simulation of Photovoltaics and other renewables (software and hardware -in-the-loop). Simulated grid dispatch instructions and energy-sinking capability. Access to vehicles with V2G capabilities. Access to bi-directional chargers. LiPO4 batteries. Expertise in battery degradation associated with V2G cycling.

Key Needs

- Business Development & Commercialization (3 / 5): This is an area where our team could be stronger.
- Utility Scale (4 / 5): Our project could benefit significantly from support from experts on utility scale energy markets as well as those with deep experience in DER <--> Grid infrastructure
- Hardware Development (3 / 5): Although our team has hardware development experience, we could use additional support from someone with deeper experience in consumer product development and associated certifications
- Marketing & Promotion (3 / 5): Our team is growing in this area, but could still use help!
- Legal, Insurance, and Public Policy (4 / 5): Our team has very little capability in this area.

Matches

1. [Grid Catalyst](#): 85.39%
2. [NextEnergy](#): 85.29%
3. [North Shore InnoVentures](#): 85.29%
4. [BLUE Excelerator \(Blue Institute\)](#): 85.29%
5. [BlueTree Allied Angels](#): 85.29%
6. [EST Venturi Systems LLC](#): 85.29%
7. [International Business and Technology Service Corporation](#): 85.29%
8. [New Mexico Clean Energy Resilience and Growth](#): 85.29%
9. [Circuit Launch](#): 83.27%
10. [NAVIA ENERGY INC](#): 83.24%