

Ben Damiani's challenge details for challenge:

Solar Prize Round 6

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Explanation

Integrated Solar PV is fabricating fixed voltage solar panels and will require expertise from NREL, Sandia, or PNNL for environmental system testing and expert analysis for solar plus storage systems operating under field conditions. Additional support from CFV Labs for support on certifications and third party testing is also needed.

The University of North Carolina Charlotte may provide fabrication facilities for solar cell fabrication used in the fixed voltage solar panels.

Key Needs

- Manufacturing (5 / 5): *No explanation*
- Hardware Development (3 / 5): *No explanation*
- Funding & Investments (2 / 5): *No explanation*
- Technical Analysis (4 / 5): *No explanation*
- Testing and Validation (4 / 5): *No explanation*
- Fabrication & Prototyping (5 / 5): *No explanation*

Matches

1. [Center for Future Energy Systems \(CFES\) at Rensselaer](#): 90.23%
2. [Marcus Engineering](#): 87.64%
3. [Solar Inventions](#): 87.61%
4. [GoSun](#): 87.57%
5. [Positive Deviancy](#): 87.57%
6. [Georgia Institute of Technology](#): 87.57%
7. [Circuit Launch](#): 87.57%
8. [D2Solar](#): 85.94%
9. [IoT Conduit](#): 85.94%
10. [EST Venturi Systems LLC](#): 85.94%