

Technical Assistance Request

Asoleyo Architectural Solar



U.S. DEPARTMENT OF ENERGY

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What I've done

- Functional prototypes of three different decorative solar cells
- Functional 16-cell module comprised of multiple cell designs in varied orientations, creating a visually attractive pattern.
- Sourced manufacturing of cells and modules from commercial partners.
- Signed deals for pilot installations with regional solar integrators: Ipsun Solar in Washington, DC, and Velo Solar in Atlanta, GA.

Where I need assistance

- Performance and Reliability testing of many separate cell designs, and modules that combine these designs in different groupings and orientations to produce decorative PV mosaics.
- Software development to streamline cell design workflow, converting vector data from Adobe Illustrator to the proper AutoCAD data standard in an automated way. Currently designs in Illustrator must be traced in AutoCAD manually.



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Finalist



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