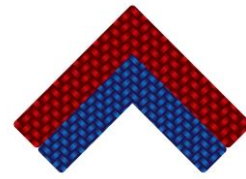


# ALD Technical Solutions



## Composite Materials to Power Grid of Solar Energy

### Company Description

ALD Technical Solutions, a cleantech women owned startup, strives to accelerate the penetration of solar energy by utilizing advanced composite materials. Composite WiRe Wrap™ increases power capacity of grid lines to transmit more solar energy generated electricity and improves reliability & resiliency of grid infrastructure with NO downtime. Our Composite WiRe Wrap™ serves frontline communities by mitigating sag related wildfires and power outages.

**Team:** Dr. Davoud Zamani and Dr. Talieh Zargar

**Category:** Energy Transmission & Distribution

**Funding to Date:** CalSEED and CalTestBed (\$450K)

**TRL:** 5 and **MRL:** 8

### Specific Next Steps Toward Commercialization

Perform customer site demonstration and partnership with utilities, power transmission line operators and contractors

