DOCKETED	
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Project Title:	Business Meeting Agendas, Transcripts, Minutes, and Public Comments
TN #:	248509
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Description:	N/A
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Organization:	California Energy Commission
Submitter Role:	Commission Staff
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Item 13: California Clean Energy Fund dba CalCEF Ventures

January 25, 2023 Business Meeting

Justin Scaccianoce
Energy Deployment and Market Facilitation Office
Energy Research and Development Division

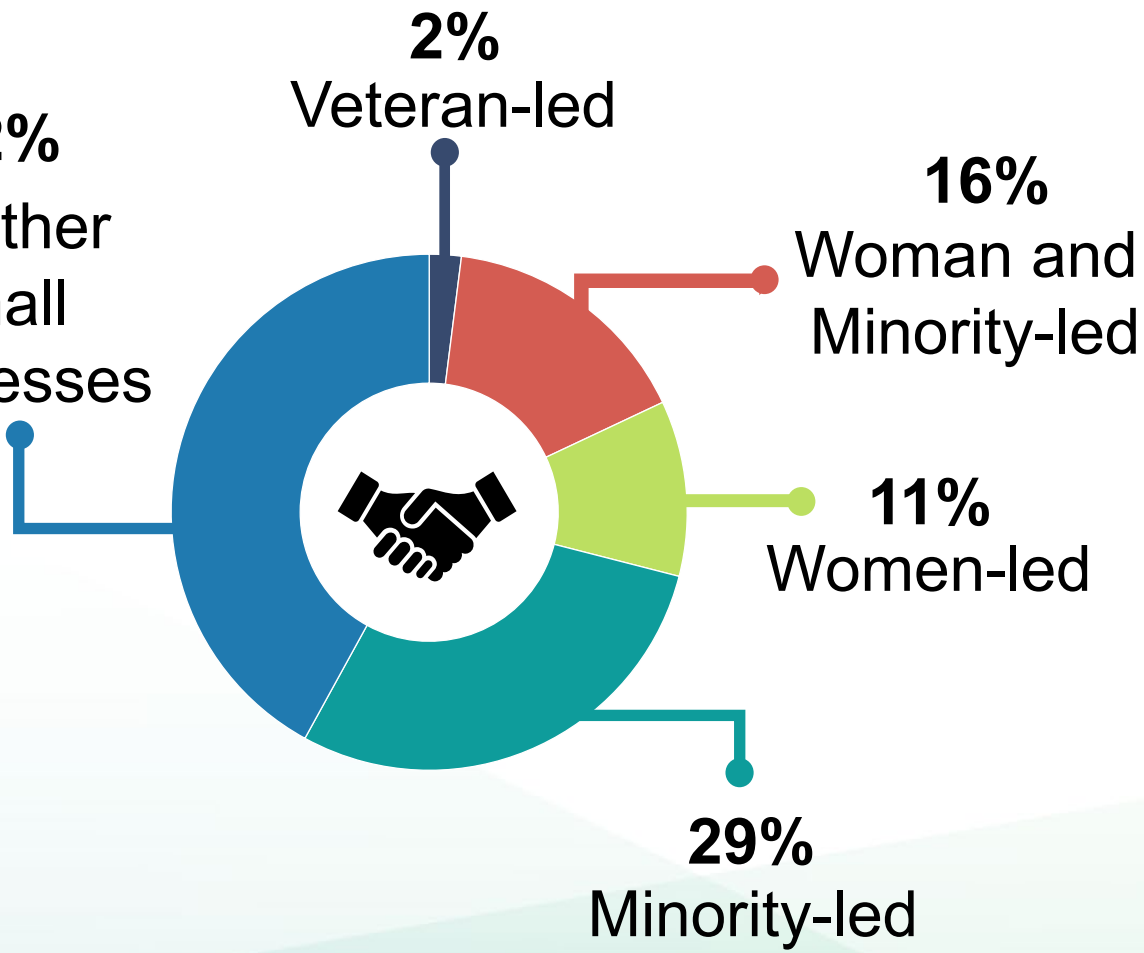
Benefits to Californians

$195 million
follow-on-funding

441 jobs
created

139 patents
registered

161 pilot projects
launched



Source: All data provided by New Energy Nexus

California Sustainable Energy Entrepreneur Development Initiative (CalSEED)

Provides small-scale funding for early-stage clean energy concepts.

Two stages of funding:

Concept Award

$150,000

- Concept development & assistance
- Mentorship from industry leaders
- Introduction to resources to advance the concept

Prototype Award

$450,000

- Successful Concept Awardees prepare for commercialization
- Business Plan Competition to push awardees to think about commercialization

Prototype Award Process

5th Prototype Award competitive solicitation held in Q4 2022

Companies were judged on their technology's technical and commercial potential

- Business case analysis
- Company pitch session

Top two scores are being recommended for CalSEED Prototype Awards

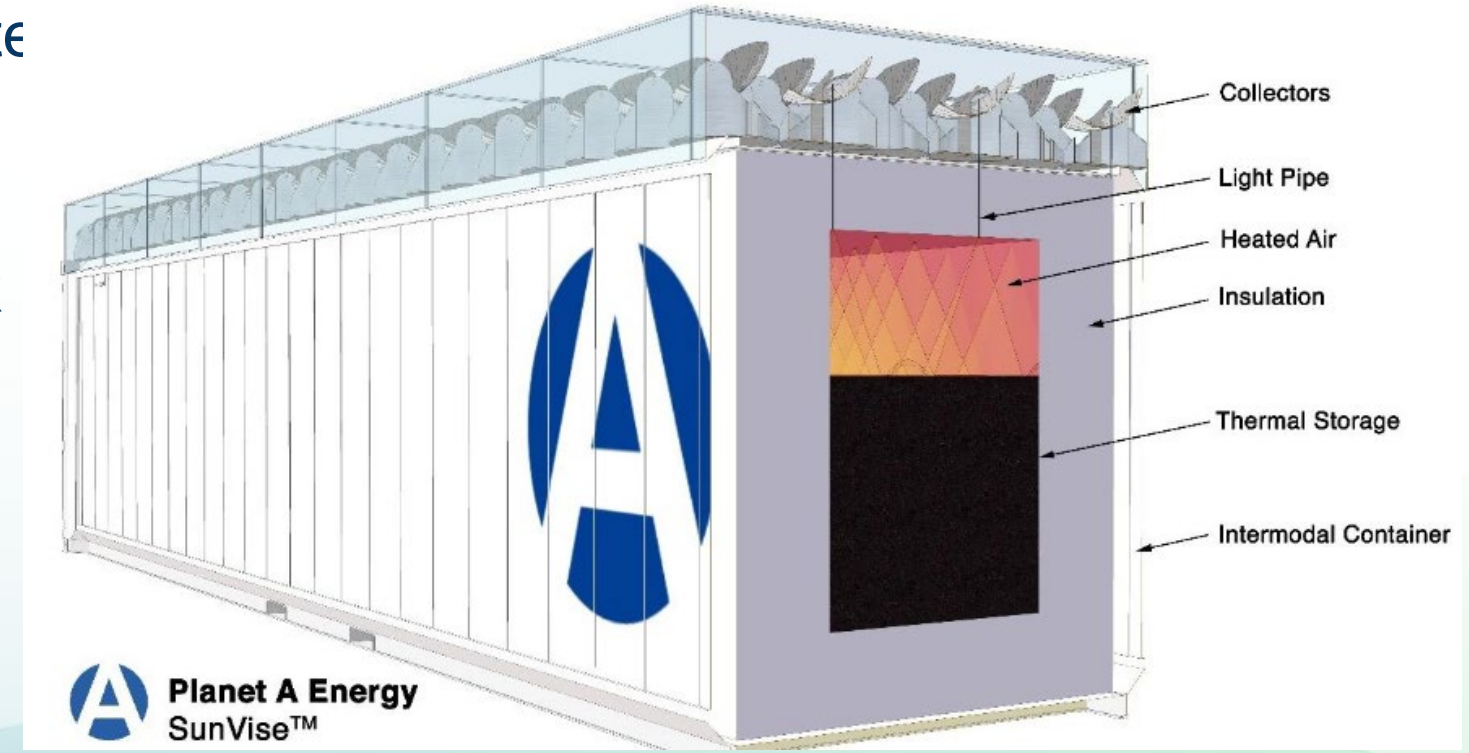
Planet A Energy, Inc.

Low Cost, Long Duration Energy Storage

Planet A Energy, Inc.

Solar with Storage Built In™

- Patented light-pipes concentrate sunlight directly into storage medium.
- Heat is stored in low-cost black sand.
- Air conduits allow for heat extraction.



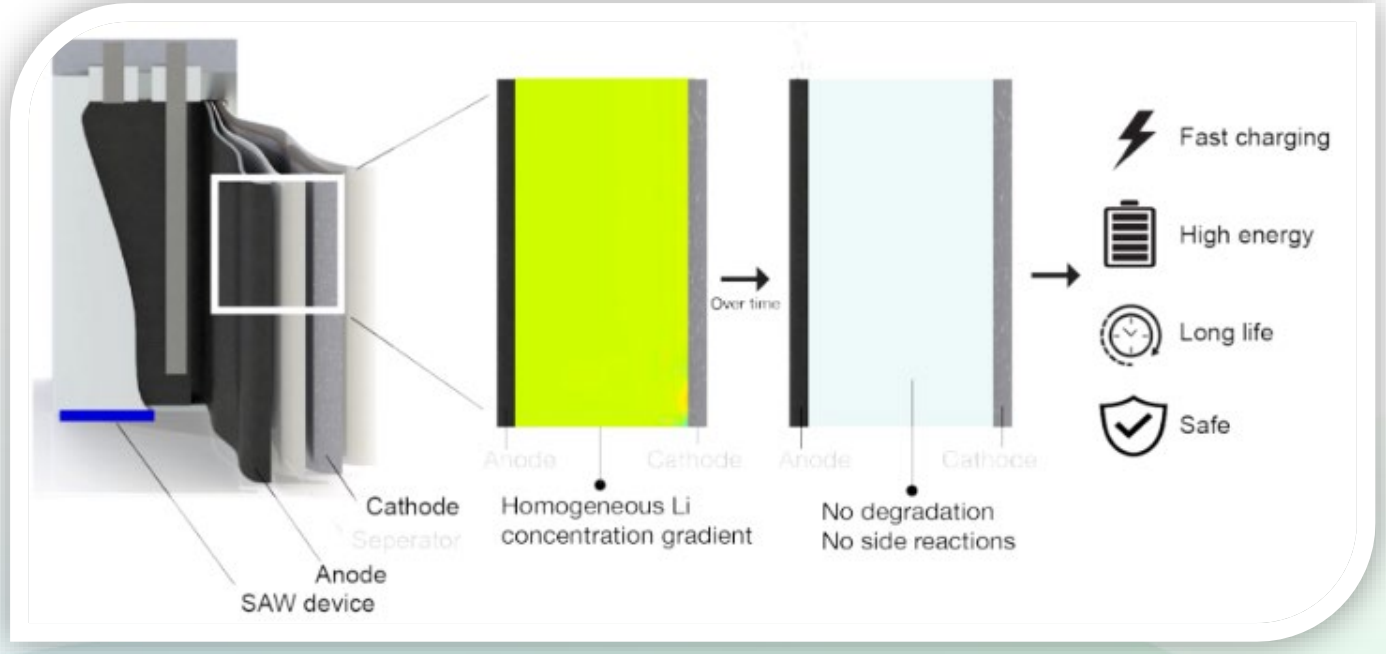
Sonocharge LLC

Improving Battery Performance with Acoustic Waves

SONOCHARGE

Wave streaming device would:

- Reduce thickness of depletion layer
- Prevent dendrites and adverse heating
- Improve charging performance, capacity, longevity and safety of lithium metal batteries



Staff Recommendation

- Approve 2 grant awards
- Adopt staff's determination that action is exempt from CEQA