

Community Power Accelerator Prize

Team Name:	Sien, Inc.
City and State:	San Francisco, CA
Submission Title:	Central Valley Clean Energy



**Community
Power
Accelerator**

U.S. DEPARTMENT OF ENERGY



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Organization Overview

- *California Benefit Corp.: Community solar + storage developer for disadvantaged communities*
- *Sien's mission is to solve the complex social and environmental challenges brought about by climate change and inequity through the conscientious application of technology.*
- *Over 4 years in solar industry, contributed to completion of 169 solar projects, with capacity of 28.9 MW DC at affordable housing properties. Energy is shared with tenants*
- *Over 20 years of software development with focus on e-commerce, subscriptions & IoT*

Project Overview

- *City of Firebaugh: ≥ 3 MW AC + 14.4 MWh storage on capped landfill*
 - *Signed Letter of Intent from the city*
 - *800 - 1000 subscribers*
- *City of Huron: TBD*
 - *1,874 potential households, 79% renters*
- *City of Mendota: TBD*
 - *2,912 potential households, 53.6% renters.*
- *City of Parlier: TBD*
 - *2,912 potential households, 53.6% renters.*

Region with the highest percentages as disadvantaged communities according to OEHHA's CalEnviroScreen 4.0 map

Meaningful Benefits

- *Low-moderate income households*
- *20% - 40% household savings*
- *Community ownership by the cities*
- *Equitable workforce development through*
 - *Partnership with West Hills Community College*
 - *Guaranteed prevailing wage*
- *Additional Environmental Benefits: ground cover vegetation, reducing airborne particles and sequestering carbon dioxide, pollinator habitats to promote biodiversity and a healthier environment.*