Affordable Solar Storage

The Problem

Why are Residential Energy Storage Systems so rare?

- Slow to Install & Overly Complex
- Inefficient
- Undersized
- **EXPENSIVE: Avg Cost ~$58K**

The Solution

Brings the average cost below $30K

Faster Payback

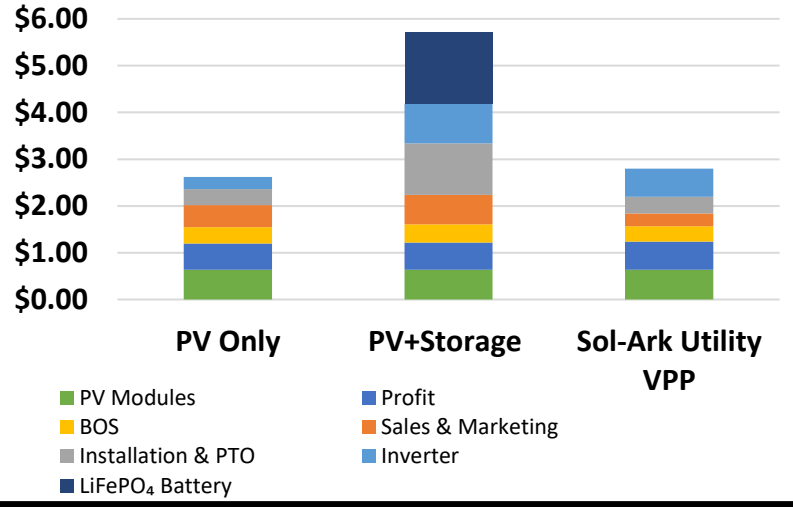
- Utility VPP + Communication pays for battery in 4-5 years
  - Battery is the single largest expense
  - Utility benefits from Peak Power Shaving & Frequency Stability
- Sol-Ark is 10% more efficient than average ESS

Easier Install

- **New** Outdoor Rated Case for Sol-Ark Inverter
- **New** U.P.S grade outdoor Whole Home Transfer Switch
- Removes need for subpanel installations
- 1/3 the ESS install time
- Saves ~$7,000 on average install

Power Without the Expense

- Sol-Ark has 2x the average power for maximizing Utility rebates
- Back up a whole home with one inverter + one battery
- **New** U.P.S grade Smart load shedding panel
- Smart Switch & Smart Shed Panel applicable to all ESS systems



Our Team

Veteran owned engineering firm with hundreds of years combined engineering experience and many patents

Our Plan

Partnerships & Development: Now – Month 6 (90% done)

Closed loop control with battery partners
Outdoor inverter & battery enclosure for fast install
Utility comms: IEEE2030.5 & OpenADR
Define home transfer switch & load shedding

Prototyping & Testing: Month 6 - 12

Develop transfer switch/shedding + NRTL listing
Develop outdoor battery enclosure + NRTL listing

Deployment & Improvements: Month 12 - 18

Build and deploy 100 systems in community field trial
Onsite training & installation support