

Hybrid Storage Inverters are very complex systems with significant UL certifications required. Sol-Ark Hybrid inverters have already passed UL1741/IEE1547, UL1741SA smart inverters, CA Rule 21 phase 1, HECO Rule 14H, FCC, UL1699B arc fault, and MIL-STD-461G. Our plan is to develop and test Sunspec draft 4 communications for our inverter and external batteries. We will also find/work with a communication partner so the Utility can aggregate thousands of homes. This would leverage a national lab to verify we meet CA Rule 21 phase 2 & 3 requirements.

In addition, we are looking for a 48V battery (with communications) partner for field trials as storage is a key part of the solution. Adding the battery will require UL9540 Solar Storage safety testing at a national lab.