



**JCD
Solar
Consulting**

Round 2 Submittal – Community Power Accelerator

• Initial Goal

- 150MWdc of community solar under development by 2025
 - 50% installed within 3 years, assuming half of the sites require extended utility review or permitting timelines
 - 5-10 NY projects, 5-10 OH projects, and 5 tribal projects
- 20 projects sized at 5MWac/7.5MWdc

• Amplifier Commitment

- Reinvest 25% of every dollar earned from Initial Goal into 2nd round of community solar projects

• Meaningful Benefits for Communities

- 20% energy savings
- Workforce development
- 50% average LMI residential subscribers
- Improved resiliency
- Others
 - Tax contributions, educational opportunities, revenue stream via site leases for hosts, co-located grazing where appropriate to allow soil recovery in agricultural areas

• Our Advantages

- Small business with community focus
 - Jointly developing only LMI CS project on the island of O’ahu
 - Completed projects with NMTC and CDFI partners
 - Past support for workforce development
- Proven experience
 - Development of solar: 75MWdc completed; 105MWdc in process
 - Community solar: 11 of 12 projects in process are community solar
 - Resiliency: 10 of 12 projects in process incorporate battery storage
 - Stakeholder focus: Education and/or dual-use preference
 - Examples: Tours, data access for students , co-located agricultural operations
- Technical knowledge (to avoid pitfalls)
 - Location selection: Advance substation or pre-app utility review
 - Minimize grid upgrades required, Implement a distributed generation approach that sites generation within community or territory where power will be consumed
 - Maximize energy production: Design to avoid energy losses
- Diligence (to ensure a financeable project)
 - Tier 1 manufacturers: Needed to support 40yr useful life
 - Financing knowledge: Have closed projects using sale-leaseback, partnership-flip and lease-passthrough structures
 - Interconnect, title, geotech, topography, wetland, flora/fauna, cultural/archaeological, environmental, etc
- Entitlements (for permitting success)
 - Requirements vary by locality, Experience with 26 different jurisdictions to date (understand varying needs)