



Microgrid Configuration Categories

Vast majority of U.S. microgrids are grid-tied

(1) Single-customer facility

Description

- Customer-side of the meter
- Military bases, universities, prisons, commercial facilities/campuses, schools, hospitals

Key Drivers

- Customer reliability & resilience
- Sustainability
- Avoided customer outage costs

Example

- Blue Lake Rancheria (operational)



(2) "Remote"

Description

- Typically utility-sponsored projects, hybrid ownership (e.g., utility-owned distribution assets, customer-owned DG)

Key Driver

- Potential T&D alternative in remote locations

Example

- Angel Island (planning)



(3) Multiple accounts on-grid

Description

- Communities seeking to enable multiple critical facilities to island in the event of broader grid outage and enhance local resilience

Key Driver

- Community resilience

Example

- Arcata Airport community microgrid – EPIC 3.11 site (planning)

