

Renewables + Storage A BeaUtility Thing

BuildingEnergy NYC

Level Set- Terms and Acronyms



- BTM - Behind The Meter
- Energy Storage – we mean electrochemical batteries
- Integrated Solution – renewables, batteries, cables, controls, power conversion, mounting, HVAC, etc.
- PPA and Blended PPA
- Roof lease/replacement
- Frequency regulation
- Peak shaving
- Time of day arbitrage
- Back-up Power
- RESILIENCE

Project Examples- Alcatraz Microgrid



- National Historic Site
- Diesel generator power for decades
- 2012 transition to off-grid PV + ~2 MWh Batteries with generator back-up
- Constrained by available area & NHS requirements
- 75-80% diesel reduction
- Cleanest energy source first

Alcatraz Microgrid project

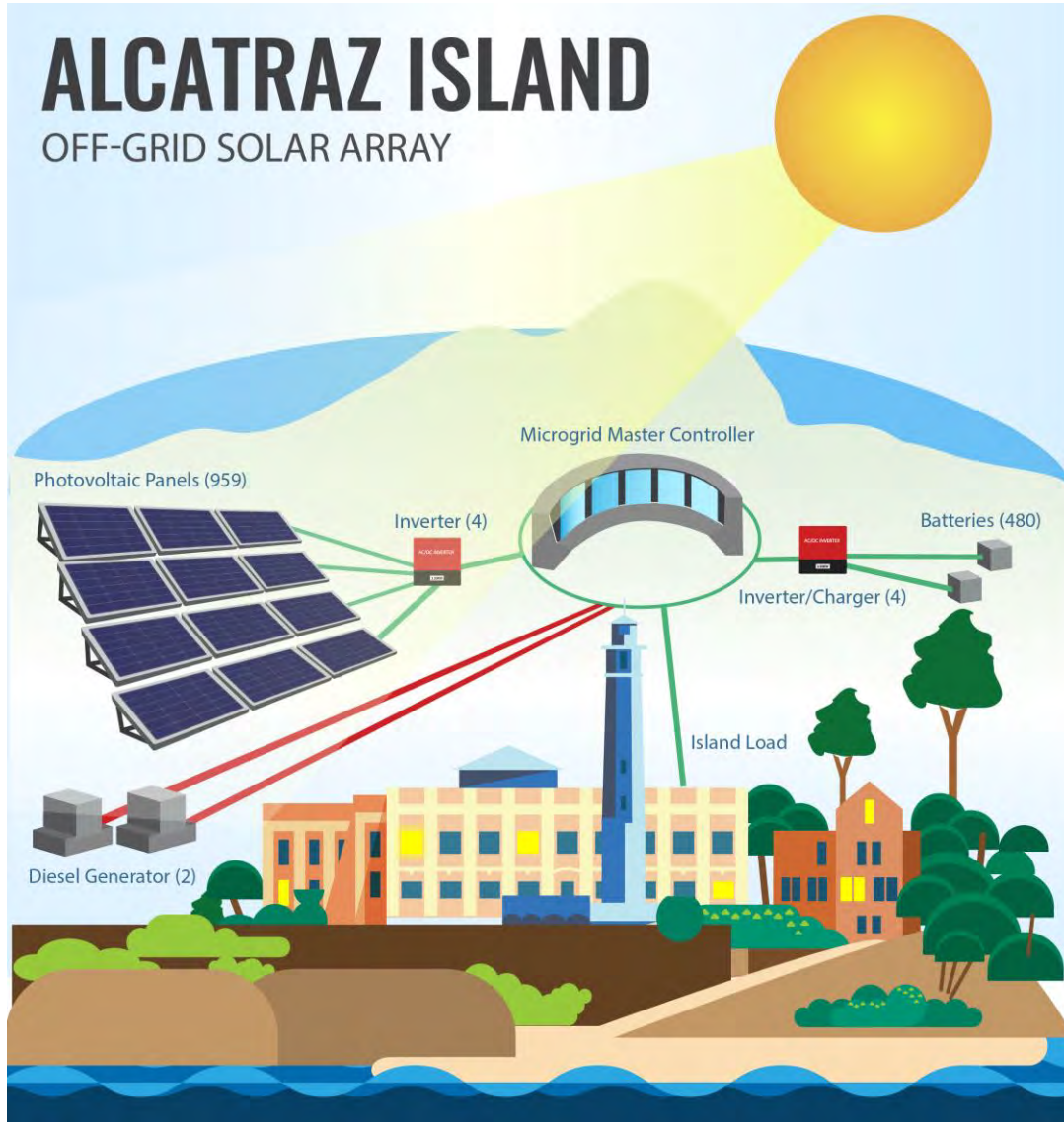


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Project Examples- Alcatraz Microgrid



Project Examples- Island Microgrid BVI



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