



Customer: **United States Cold Storage**
 Property Type: **Refrigerated Warehouse**
 Location: **California**
 Technologies: **Solar PV, battery storage, controls system**
 Anticipated Production: **2,400,000kWh**
 Anticipated 25-Year Savings: **\$4.4 million**



This microgrid project was facilitated and optimized through the intelligent data analytics, technology and vendor agnostic approach, and carefully curated competitive bid process of the GridMarket platform. GridMarket’s coordination with the USCS team and other stakeholders has allowed us to create a solution that aligns with our corporate goals. The local team on the ground at the McClellan site has been fantastic, and we are thrilled to validate this model and demonstrate the tremendous value that such a solution will bring to our facility, the industry, and the broader market.

-Mike Lynch, Vice President of Engineering, US Cold

Project Summary

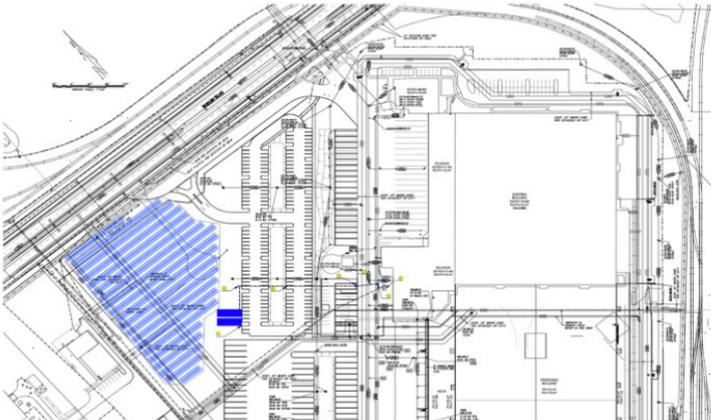
The project at the US Cold McClellan cold storage facility will be the first of a strategic phased deployment of distributed energy resources, efficiency measures, and controls systems to pilot microgrid capabilities across the portfolio. US Cold launched its partnership with GridMarket in 2019 to achieve corporate sustainability goals of 30% renewable energy supply by 2030 and carbon neutral by 2050. GridMarket initially applied its digital, AI-driven portfolio evaluation tool and worked closely with the US Cold team to select the McClellan facility for the microgrid pilot. The project will offset over 25% of current energy demand at the facility.

Key Process Highlights

- GridMarket prepared analysis and best-fit project recommendations to create the phased strategy
- GridMarket issued RFP and is managing responses through the platform to secure necessary contractors
- GridMarket is responsible for aligning development timelines and functions of all involved partners and contractors to ensure success - including permitting, certifications, siting, construction, and incentives
- GridMarket is helping partners navigate any challenges that came up during design and contracting to ensure the project(s) will show value and reach performance targets

 **Solar PV**
1.4MW

 **Battery Storage**
750 kW/1,500 kWh



In progress microgrid at the phase 1 pilot site