

COMMERCIAL ROOFTOP CASE STUDY COLD STORAGE & DISTRIBUTION FACILITY



COLD STORAGE CAMPUS ROOFTOP SOLAR PORTFOLIO

Cold Storage & Distribution Facilities
Fullerton, CA

Rooftop Commercial Solar On Adjacent Buildings

\$22M+ Projected Lifetime Electricity Value

1.98 MW-AC Total System Capacity

UP TO 48% ENERGY OFFSET

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COMMERCIAL ROOFTOP CASE STUDY COLD STORAGE & DISTRIBUTION FACILITY



FULLERTON COLD STORAGE TURNS TWO ROOFS INTO A NEARLY 2 MW ENERGY ASSET

This private cold storage operator in Fullerton converted the rooftops of their two neighboring facilities into a nearly **2 megawatt** solar portfolio. The combined system is projected to deliver more than **\$22 million** in electricity value, pay for itself in **under three years**, and return roughly **450%** over its life.

Two refrigerated warehouses sit side by side in a dense industrial corridor. Revel Energy designed a coordinated rooftop system totaling **1,977.45 kW-AC**, using about **4,000** high-output **545W** modules, **12 inverters**, and roughly **2,000** optimizers/microinverters.

Each building is sized to its own load: one offsets about **30%** of annual usage, the other about **48%** - a significant reduction for an operation that runs almost constantly.

Cold storage is one of the most power-hungry segments in industrial real estate. Compressors and refrigeration equipment **can't be turned down when rates spike**, and California prices have been climbing steadily.

This operator needed a way to take real pressure off the electricity line item without disrupting around-the-clock warehouse and dock activity.

Revel Energy treated both facilities as a single energy project. Using interval data and refrigeration demand patterns, the team designed a nearly 2 MW rooftop portfolio that could be built while the warehouses stayed fully operational.

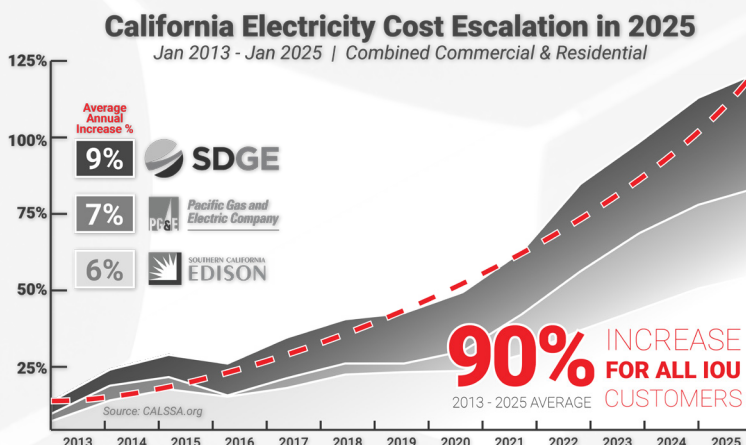
The physical system is only half the story. The project was also structured to maximize current **federal clean energy incentives** and **accelerated depreciation**, including **bonus depreciation in year one**. At the same time, on-site generation reduces exposure to future rate increases and supports a stronger sustainability story for major food and logistics customers.

For an energy-intensive operator with meaningful taxable income, this combination transforms a large rooftop installation into a powerful tax and cash-flow tool.

If you operate cold storage, food distribution, or other high-load industrial facilities in California, your roofs may be one of your most underused assets.

Revel Energy can prepare a no-obligation energy and tax analysis for your sites - showing potential system size, projected bill reduction, and how current incentives could impact your bottom line.

Interested in what a project like this could look like for your facilities? Connect with a Revel Energy specialist to start your analysis.



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