



RLCOLD

Wilmington, NC

Overview

RL Cold's Wilmington cold storage facility, spanning 289,132 square feet with 30,198 pallet positions, is strategically located within the 450-acre Pender Commerce Park. From design to implementation, every step was meticulously planned to achieve LEED Gold certification.

Key Features

Holistic Sustainability Integration:

- RL Cold stands out by seamlessly combining various sustainable options into one facility, setting a new industry standard.
- Unlike other facilities that may have isolated green features, Wilmington encompasses solar, rainwater recapture, electric vehicle charging, and more.



Rainwater Recapture System:

The facility utilizes harvested water to efficiently supply office plumbing fixtures, reduce reliance on external water sources and minimize environmental impact.

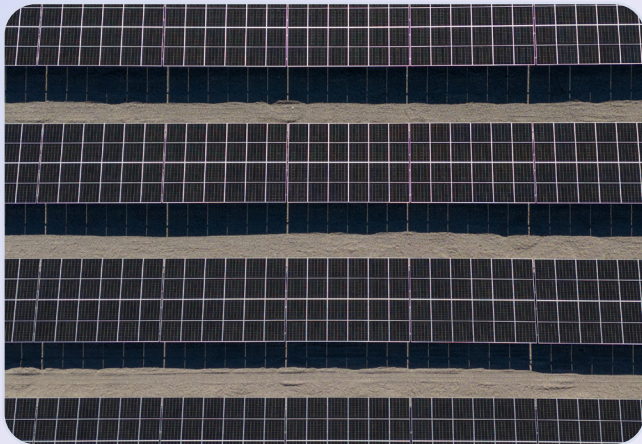
Electric Vehicle Charging Stations:

With three EV chargers and reefer plugs on-site, RL Cold encourages staff to pursue eco-friendly practices.



Solar Panel Integration:

- Wilmington features RL Cold's 1.6MW use of solar panels, contributing significantly to LEED Gold initiatives.
- Although integrating solar after steel construction led to challenges with roof loading capabilities, RL Cold was able to maximize the solar installation by implementing two separate ground arrays to work in conjunction with the roof loaded system.



LEED Gold Certification Achieved:

- The RL Cold team is dedicated to true resourcefulness, pledging that every building it owns in the United States will be at least LEED certified.
- The Wilmington facility showcases major LEED contributing factors, including solar, EV chargers, and water reclamation.



Future Focus:

Wilmington brings cold storage facilities into the modern era, leading the industry in sustainability rather than merely adopting trends. This facility reflects RL Cold's dedication to creating a truly resourceful future for everyone along the cold chain.



Conclusion:

The Wilmington facility sets a precedent for RL Cold's commitment to responsible sustainability. It stands as a monument of innovation, showcasing how strategic choices can transform traditional industries into sustainable models for the future.

