



ENERGY EFFICIENCY CASE STUDY SUMMARY:

CLIENT: Waterfront Amusement Park Galveston Island, TX

PROJECT BACKGROUND

Galveston Island is one of the most corrosive areas in the country, due to continuous salt-spray intrusion. Typical uncoated condenser coils would survive only 3 to 4 years before needing replacement.

SOLUTION

This waterfront Amusement Park turned to Optimize Coatings for help. The job included 14 rooftop units to be installed on the roof of restaurants and control and ticket booths for rides. All of these units have constant salt exposure due to their situation on a pier over the Gulf of Mexico.

The coils were coated with **OPTY-COIL COATING**[®] - CLEAR, and after five years, the coils are still pliable and in good condition.

RESULTS

5 years after coil installation, there was no sign of corrosion, and the fins remained flexible and free from oxidation. The customer has successfully interrupted the 3 to 4 year replacement cycle and has deferred the capital replacement cost.

The customer also has a unit that is still operating near original factory efficiency ratings with lower repair cost, after 5 years in a very corrosive environment.

We have been engaged on numerous other corrosion projects for this group since the original installation.

