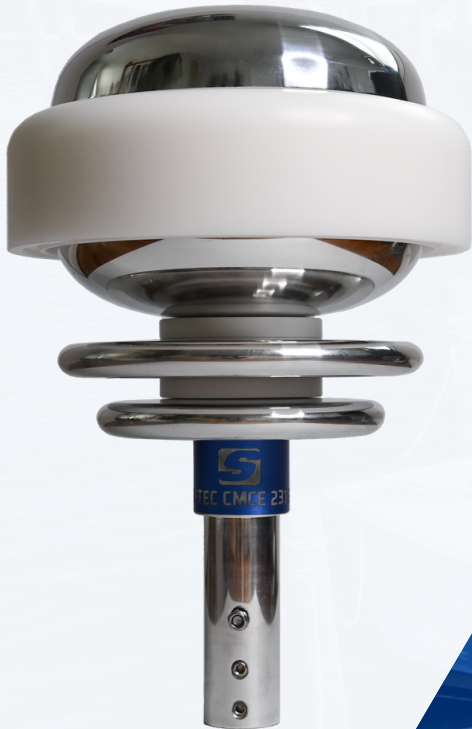




BLOWING ROCKS MARINA

CASE STUDY

CMCE LIGHTNING SUPPRESSION SYSTEM

CASE STUDY

Blowing Rocks Marina Elevates Lightning Protection with CMCE Lightning Suppression

Blowing Rocks Marina – Tequesta, Florida

Located in Tequesta, Florida, [Blowing Rocks Marina](#) is a **full-service marina serving recreational boaters and yacht owners** along Florida's Treasure Coast. Conveniently positioned with quick access to the Intracoastal Waterway and the Atlantic Ocean, the marina provides secure wet slips, dry storage, fueling, maintenance, repair services, and other amenities that help keep vessels ready for the water year-round.

Designed to accommodate a wide range of vessels, the marina offers hundreds of storage spaces for boats, making it an **important destination for local boat owners, seasonal visitors, and marine enthusiasts**. In Florida's lightning-prone climate, protecting both the marina's infrastructure and the valuable vessels it serves is essential for maintaining safe, reliable operations.

The Challenge

Florida experiences more lightning than almost any other state in the U.S., creating a significant operational challenge for marinas. Large open waterfront environments naturally become exposed to severe thunderstorms throughout the year.

For Blowing Rocks Marina, lightning-related risks included:

- Potential damage to marina infrastructure
- Exposure of valuable customer vessels to lightning events
- Operational interruptions during storm activity
- Safety concerns for employees and visitors
- The need for dependable protection without impacting marina operations or aesthetics

Traditional lightning protection systems are designed to intercept lightning after it has already formed. Blowing Rocks Marina sought a more proactive solution to eliminate the likelihood of lightning strike formation within its operational area.

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The Solution

Blowing Rocks Marina partnered with Encore Land and Sea to implement the CMCE Lightning Suppression System.

Encore installed:

- (1) CMCE-120 Lightning Suppressor
- 500,000 square feet of protected coverage

Unlike conventional lightning rods, CMCE Lightning Suppression is designed to prevent lightning strike formation by neutralizing the electrical conditions that lead to lightning formation. The system operates continuously without requiring external power and provides low-maintenance protection for critical facilities.

The installation was completed with minimal disruption, allowing marina operations to continue while adding an strike-free dome of protection over the property.



Project Results

Following installation, Blowing Rocks Marina now benefits from:

- Protection across approximately 500,000 square feet
- Enhanced protection for marina infrastructure and customer vessels
- Reduced exposure to lightning-related operational risk
- Continuous passive protection with minimal maintenance requirements
- Increased confidence for marina management, employees, and customers during Florida's frequent storm season



CASE STUDY

Why It Matters

Marinas protect far more than docks—they safeguard significant investments, critical infrastructure, and the boating experience for hundreds of customers.

Unexpected lightning events can disrupt operations, damage electrical systems, impact communications, and create costly repairs. By implementing CMCE Lightning Suppression, Blowing Rocks Marina invested in proactive risk reduction that supports operational continuity while helping protect people, property, and vessels.

As severe weather continues to challenge coastal facilities, proactive lightning protection has become an important part of resilient marina operations.

Project Summary

Property: Blowing Rocks Marina

Industry: Marina / Marine Infrastructure

Location: Tequesta, Florida

Challenge: Lightning-related risk across marina

Solution: Installation of one CMCE-120 Lightning Suppressor

Coverage Area: Approximately 500,000 square feet

Objective: Prevent lightning strikes and reduce operational risk while protecting marina infrastructure, vessels, employees, and customers

