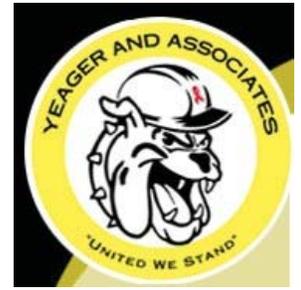


# Critical Fuels Storage & Safety



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*Hospitals*  
*Senior Care Facilities*  
*Data Centers*  
*Police*  
*Fire*  
*Corrections*

## HURRICANE & STORM "HARDENING"



- INSPECT YOUR FUEL SITES
- PROTECT YOUR POWER
- BE PREPARED
- BEFORE-DURING-AFTER STORMS
- 20 YEAR DESIGN PERFORMANCE
- 4 LEVELS OF SECURITY
- NO FEE INITIAL INSPECTION



# HURRICANE & STORM PREPAREDNESS PLANS

## **ARE YOU READY? WE CAN HELP!**

CHOOSE YOUR LEVEL OF SAFETY

### **FUELING SYSTEM COMPONENTS**

**Tier 1:** Basic Fuel Center  
No Redundancy

**Tier 2:** Redundant Components  
And Safety Levels

Fuel Compliant SAE J1488

**Tier 3:** Future Code Compliant  
& Maintainable

Tank gauges, leak detection  
Fuel management  
Training and Service Contracts

**Tier 4:** Fault Tolerant

Multiple Active Distribution Paths  
For hospitals, banks and data centers

### **CLEAN FUEL IS MANDATORY**

Bio-Blended ULSD

Fuel Quality: The Unexpected Problem

Diesel fuel changed dramatically when sulfur content was reduced to 15ppm to create ultra-low sulfur diesel (ULSD).

ULSD absorbs water quickly forming:

1) Free 2) Saturated and 3) Emulsified water in fuel storage tanks.

Emulsified water in ULSD cannot be easily removed as the water binds with the fuel molecules so tenaciously that normal filtration cannot separate this water out.

This emulsified fuel/water passes into a diesel engine's high pressure injection system causing wear, corrosion or destruction.



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