



**CriticalWave**  
Energy Solutions

## COMPANY SNAPSHOT

**Legal Business Name:** CriticalWave Energy Solutions LLC

**UEI:** CDNZQM3VZFQ4 | **CAGE:** 0JRK6

**JCCS:** 141145 | **Cummins Dealer Number:** A01LX

**DUNS:** 119439846

**Socio-Economic Status:** SBA Service-Disabled Veteran Owned Business, NVBDC SDVOB, Florida DMS Veteran/Minority Certification

**Headquarters:** 382 NE 191st St, #949689  
Miami, FL 33179-3899, US

**Office:** (407) 208-2094

**Fax:** (407) 377-5320

**Website:** [www.criticalwave-es.info](http://www.criticalwave-es.info)



## POINT OF CONTACT

**Pedro A. Ventura Jr., Managing Director**  
**Email:** [Pedro.Ventura@CriticalWave-ES.com](mailto:Pedro.Ventura@CriticalWave-ES.com)  
**Phone:** (321) 316-9872

## NAICS CODES

- ◆ 811310 | Primary
- ◆ 541330
- ◆ 541611
- ◆ 541618
- ◆ 541690
- ◆ 561210

## CLEARANCE & INDUSTRY CERTIFICATIONS

- ◆ **Clearance:** Top Secret / SCI (Active)
- ◆ **Certifications:** FMP (Facility Maintenance Program), NFPA 70E, Cummins Systems, OSHA 30



## ABOUT US

CriticalWave Energy Solutions LLC (CWES) is a Service-Disabled Veteran-Owned Small Business providing mission-critical energy and facility support to government and commercial clients worldwide.

We specialize in:

- **Generator, UPS, ATS, and Switchgear Maintenance** (Cummins, AMMPS, MEP, Caterpillar, and more)
  - **Facility Maintenance Program (FMP):** Global DoD support across 20+ mission-critical sites
  - **Power System Engineering:** Low/medium-voltage distribution, SCADA integration, and relay configuration
  - **"IntelliMaint" – AI-Powered Technician Application:** Mobile + AR diagnostic assistant supporting predictive maintenance and secure SME integration (SBIR: Navy Topic N252-076)
  - **Cybersecurity Compliance:** DFARS 252.204-7012 & CMMC 2.0 readiness consulting
  - **Documentation & Compliance:** SOPs, technical manuals, and lifecycle support using AGILE/SCRUM methodologies
- Our veteran leadership, certified engineers, and global experience ensure resilient, cost-effective, and compliant solutions aligned with mission objectives.

### State Licenses:

- Florida Sales & Use Tax Certificate
- Annual Resale Certificate

## CORE CAPABILITIES

- **Generator, UPS, ATS & Switchgear Maintenance:** Preventive and corrective maintenance for mission-critical systems across DoD and federal sites.
- **Facility Maintenance Program (FMP):** Worldwide support of critical facilities, ensuring reliability and operational readiness.
- **Power Systems Engineering:** Design, optimization, and integration of advanced power systems, including SCADA and protective relay configuration.
- **AI-Driven Maintenance ("IntelliMaint"):** Augmented reality and AI-powered technician assistant enabling faster diagnostics, predictive maintenance, and secure collaboration.
- **Cybersecurity Compliance:** DFARS 252.204-7012 & CMMC 2.0 consulting to safeguard CUI and ensure DoD compliance.
- **Lifecycle Program Execution:** AGILE and SCRUM-based program management from concept through sustainment.

## DIFFERENTIATORS

- **SDVOSB Advantage:** Veteran-owned, mission-driven solutions provider with priority contracting benefits.
- **Technical Depth:** Proven expertise in generator systems, power distribution, and global facility sustainment.
- **Innovation:** AI-enabled maintenance tools ("IntelliMaint") and advanced engineering practices that enhance reliability and reduce downtime.
- **Compliance Excellence:** Strong DoD cybersecurity posture (DFARS 252.204-7012, CMMC 2.0 readiness) and adherence to NFPA 70E, OSHA 30, and federal standards.
- **Technical Documentation & Compliance Support:** Authored SOPs, OEM manuals, and compliance guides tailored to client requirements, ensuring consistency and audit readiness.
- **Global Reach:** Facility and maintenance support across 20+ mission-critical DoD sites worldwide.

## PAST PERFORMANCE

**Pedro A. Ventura Jr. – Managing Director:** Veteran program leader with proven success in tactical generator systems, power infrastructure, and defense compliance.

**Facility Maintenance Program (FMP) – INSCOM G4 / CACI**

- **Role:** Senior Project Manager
- CriticalWave Energy Solutions (2024–Present)**
- **Role:** Managing Director