



# WCEP<sup>®</sup>

WEST COAST ELECTRIC & POWER



# SAFETY FOCUSED. QUALITY DRIVEN.

West Coast Electric & Power (WEPC)  
delivers dynamic utility solutions to  
clients nationwide.

While rooted in California, with offices in Orange County and San Diego, WCEP's expertise extends across the U.S., meeting the growing infrastructure needs of utilities, municipalities, and contractors coast to coast. Whether managing electric vehicle charging installations or overseeing major distribution and transmission system upgrades, WCEP's flexible and mobile teams are prepared to deliver wherever the project demands.







We specialize in everything from detailed pole loading analysis and traffic control plans to field inspections and permitting management. Our all-in-one approach ensures seamless coordination across complex projects, completed on time, on budget, and with uncompromising safety standards.

From small-scale maintenance to multi-state infrastructure projects, WCEP is your trusted partner in powering the future of utility services across the nation.









# INDUSTRIES WE POWER & SERVE

WCEP empowers industries with cutting-edge utility solutions designed for growth and resilience. From electric utilities to renewable energy, telecommunications, construction, municipal services, and transportation, we deliver excellence to power the projects that keep communities thriving.



## Electric Utilities

Empowering grid modernization with solutions like system hardening and underground conversions to enhance reliability and safety.



## Municipal Services

Collaborating with cities to upgrade outdated electrical systems and design underground utility networks for urban resilience.



## Construction

Providing traffic control plans and utility infrastructure upgrades to ensure safe and efficient construction projects.



## Renewable Energy

Designing and implementing infrastructure for electric vehicle (EV) charging stations, enabling sustainable energy transitions for communities nationwide.



## Telecommunications

Streamlining fiber optic installations to support the growth of high-speed internet connectivity in rural and urban communities nationwide.



## Transportation

Supporting transit authorities with power system designs, relocations and EV infrastructure for sustainable public transportation networks.





# OUR VALUES



## SAFETY

At WCEP, safety is more than a priority—it's a commitment. From rigorous field protocols to ongoing training, we ensure that every team member, partner, and community remains protected. Our Injury and Illness Prevention Plan (IIPP) and compliance with OSHA standards reflect our unwavering dedication to creating safe environments for every project.



## QUALITY

Quality is at the core of what we do. Whether it's drafting meticulous designs, performing comprehensive pole-loading analysis, or executing QA/QC reviews, we hold ourselves to the highest standards. Our focus on delivering superior results ensures that every project not only meets but exceeds industry expectations.



## RELIABILITY

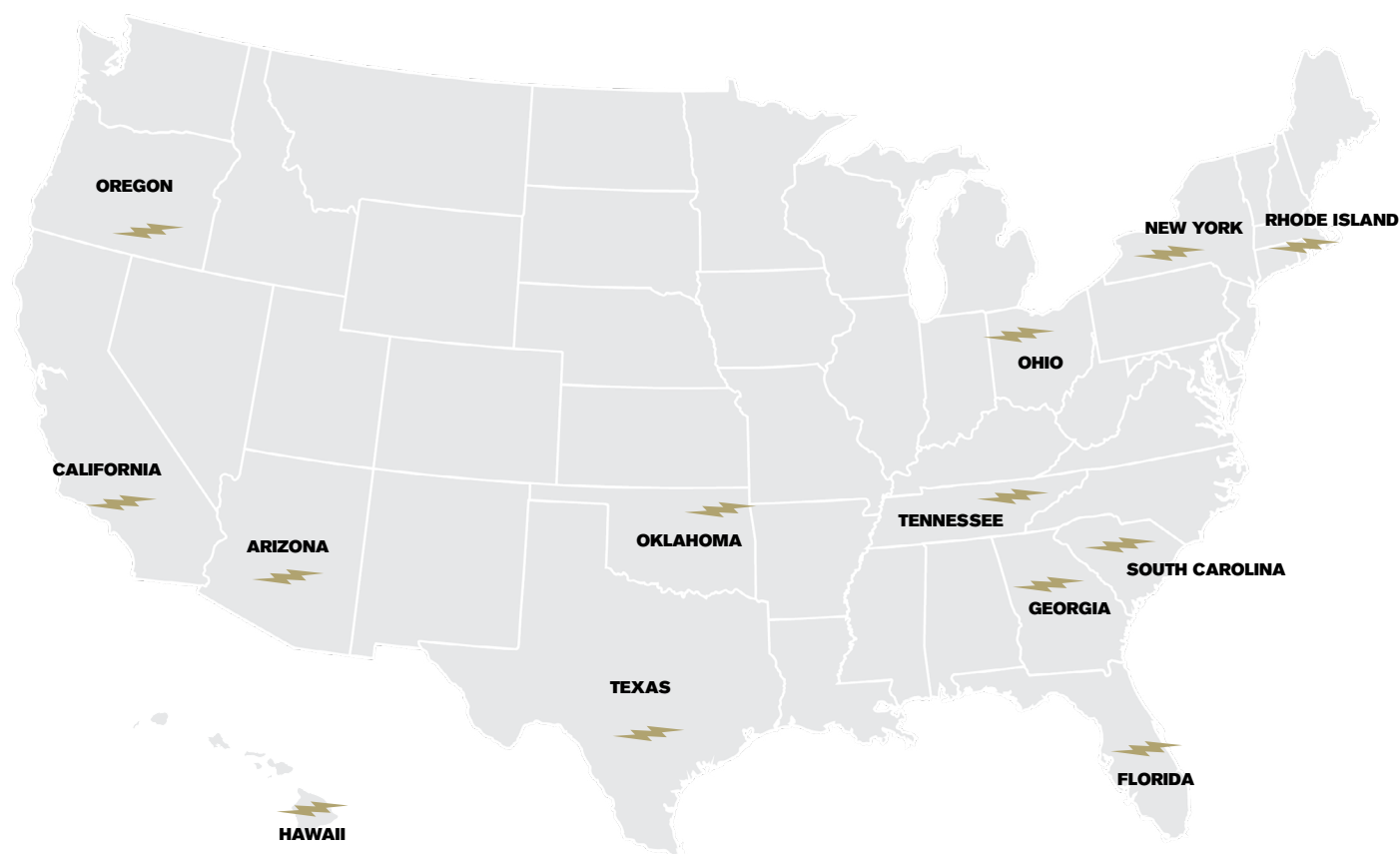
WCEP is built on trust and dependability. With a proven track record of delivering projects on time and within budget, we provide solutions that clients can rely on. From emergency services to long-term infrastructure upgrades, we're here when you need us—24/7, coast to coast.





# PROJECTS FROM COAST-TO-COAST

We bring our expertise to projects nationwide, delivering innovative utility solutions wherever they're needed. With teams strategically positioned across the U.S., we provide seamless support for infrastructure upgrades, emergency services, and new installations.







# DESIGN & PLANNING

We engineer the future of power with precision and purpose. From fire risk mitigation and system hardening to electric vehicle station design and utility modernization, WCEP's design and planning team crafts innovative, safe, and sustainable solutions tailored to the demands of modern infrastructure.

- Fire Risk Mitigation
- System Hardening
- Pole Loading (SPIDAcac and O-Calc)
- Electrical Distribution Line Mapping
- Overhead to Underground Conductor Conversion
- Overhead Reconductoring
- Pole Relocations
- Deteriorated Pole Change Outs
- Electric Vehicle Station Design & Engineering
- Planned Community Design
- Vegetation Infringement Analysis
- Utility Modernization
- Safety Support & Implementation



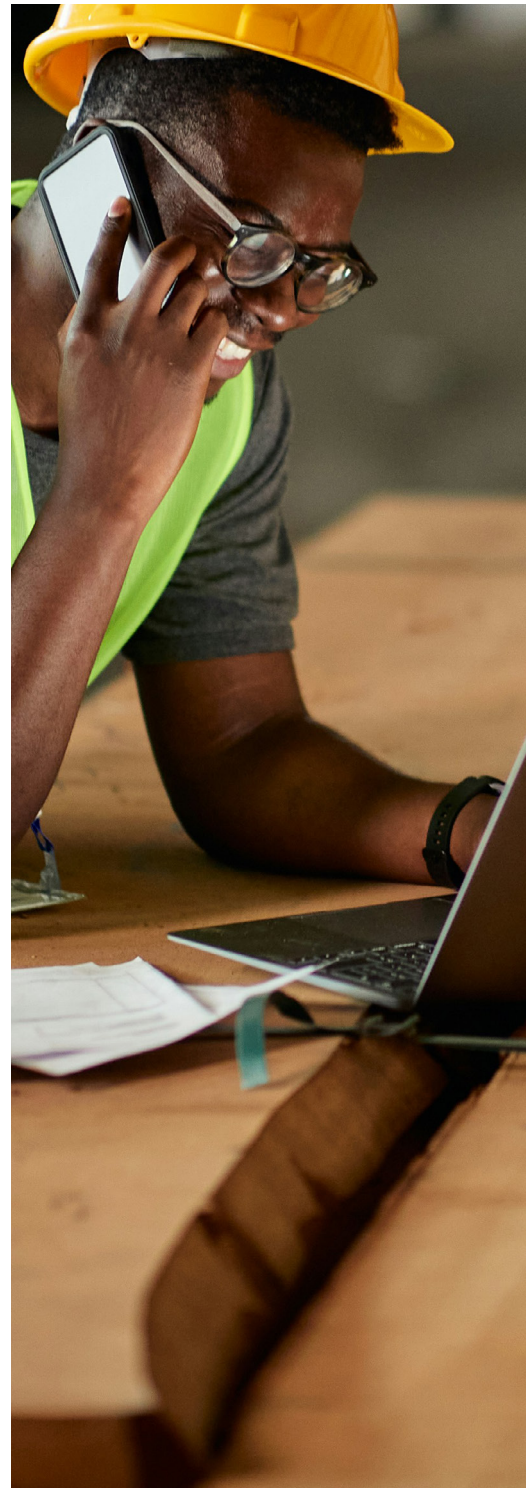


# DRAFTING & MODELING

Our drafting and modeling team transforms vision into reality. Using cutting-edge tools like AutoCAD, AUD and RevIT, we produce everything from pole detail diagrams to immersive 3D renderings, ensuring every project blueprint is accurate, efficient, and ready for execution.

Our drafting and modeling team provide the following services:

- Base Mapping
- Asset Mapping
- 3D-Renderings
- AutoCAD Designs
- RevIT Designs





# SURVEY & FIELD AUDITS

Fieldwork is where vision meets ground reality, and safety leads the way. At WCEP, our rigorous field audits and surveys ensure every project starts with precise data. From compliance pole inspections to vegetation infringement analysis, our reports empower smarter decisions and safer infrastructure.







# QUALITY CONTROL

Excellence starts with oversight. WCEP's quality control process ensures that every design package, pole-loading calculation, and environmental report meets exacting utility standards. We deliver peace of mind through comprehensive reviews and feasibility studies.

- Design Packages & Materials Reports
- PLS-CADD Report Reviews
- Pole-Loading Calculations & Analysis
- AutoCAD Drawings
- Construction/Design Package Completeness
- Environmental Reports & Path-to-Pole Mapping
- Feasibility Studies





# TRAFFIC CONTROL PLANS

Navigating work zones safely is critical, and WCEP's expertly crafted traffic control plans make it seamless. With lane closures, temporary barricades, and custom signage, our plans protect workers, pedestrians, and traffic while ensuring project efficiency.

- Lane closures
- Lane restrictions
- Pavement markings
- Warning signs
- Temporary barricades
- Adjacent roadway work
- Stamped & non-stamped drawings
- Other traffic disruptions







# OVERHEAD DETAIL INSPECTIONS

Inspection is the first line of defense for utility reliability. WCEP's overhead detail inspections identify potential risks and noncompliance issues across every layer of infrastructure. From missing high-voltage signs to damaged poles, we flag and prioritize repairs to safeguard your system's integrity.

- Missing or broken high voltage signs
- Missing or broken visibility strips
- Broken or cracked poles
- Leaking or damaged equipment
- Weathering or damaged bare or insulated wire
- Improper splices
- Missing pole tags
- Anchors pulling from ground
- Missing guy guards
- Loose cotter keys
- Vegetation infringement



# RAPID DAMAGE ASSESSMENT FOR HURRICANE MILTON RECOVERY

## CLIENT

Florida Power & Light (FPL) and  
Collective Strategic Resources (CSR)

## PROJECT SCOPE

Assessing damage to electric utility  
infrastructure to ensure safety and  
restore power following Hurricane Milton

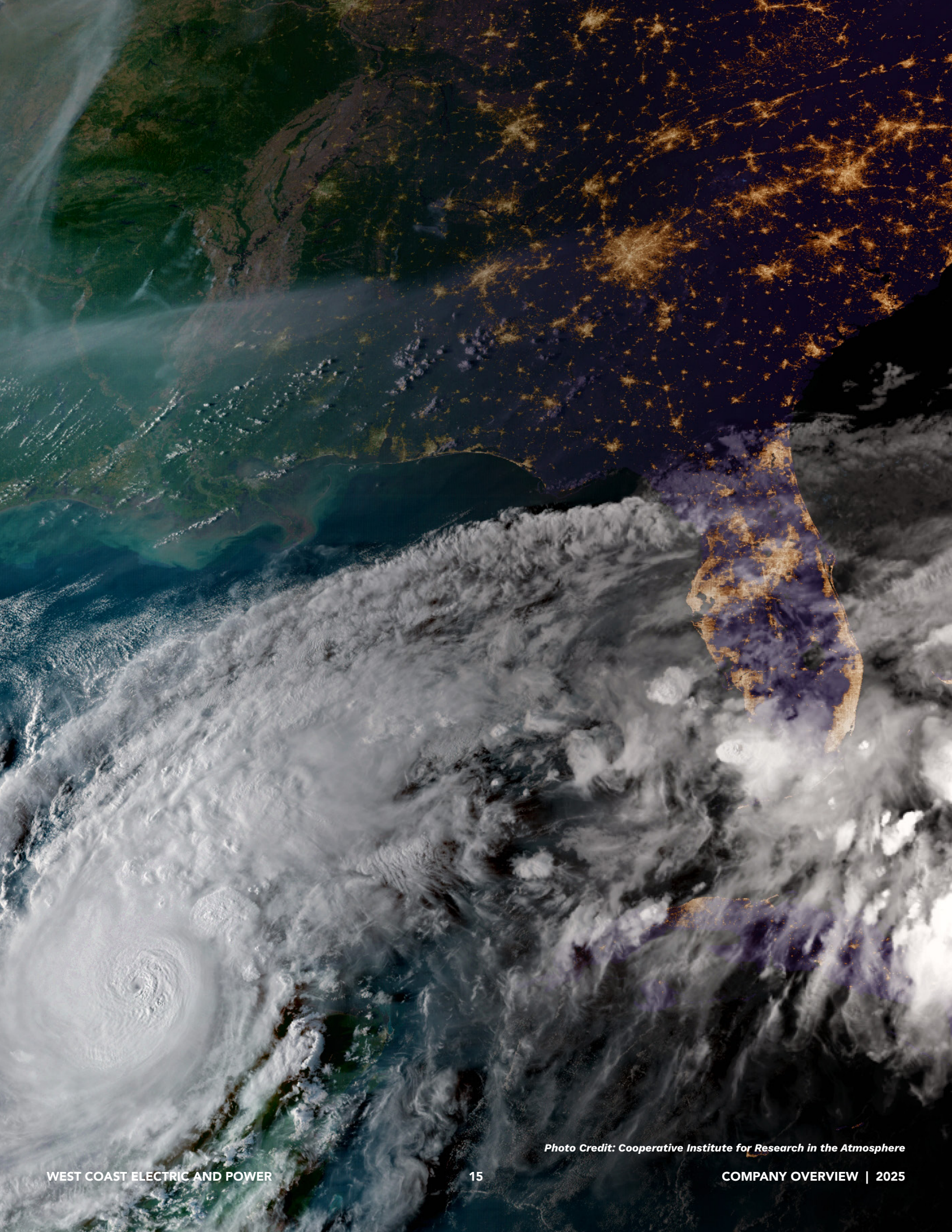
## INDUSTRY

Utilities – Electric Distribution

## LOCATIONS

Vero Beach	Sebastian
Port St. Lucie	Indian River Shores
Fellsmere	Daytona Beach
Stuart	Port Orange
Fort Pierce	Dupont





*Photo Credit: Cooperative Institute for Research in the Atmosphere*





# RAPID DAMAGE ASSESSMENT FOR HURRICANE MILTON RECOVERY

THROUGHOUT THE FLORIDA COAST

## THE CHALLENGE

Hurricane Milton caused widespread damage to critical electric utility infrastructure across multiple Florida cities, leaving communities without power. The primary challenge was deploying and managing a 20+ person team to assess damage safely and efficiently in the aftermath of a natural disaster. Road closures, disrupted communication channels, and irate customers added to the complexity, requiring specialized training and innovative strategies to ensure effective workflows under pressure.



Photo Credit: Getty Images



## THE SOLUTION

WCEP implemented a strategic approach to manage the project effectively, emphasizing communication, coordination, and safety:

### Team Communication:

With traditional communication channels disrupted, WCEP leveraged tools like WhatsApp and location sharing to maintain real-time contact between ten two-person teams spread across multiple locations.

**Customer Coordination:** WCEP worked closely with the local community, ensuring proper identification and communication with customers to maintain trust and progress work efficiently.

### Daily Tailboards:

Each morning, the teams held safety briefings to review tasks, identify potential obstacles, and apply lessons learned from previous days. This ensured every team member was prepared to work effectively despite challenging conditions.

### Field Documentation:

Teams documented damage using photos, detailed notes, and location data, which were organized and communicated to the client in a timely manner, exceeding expectations for both quality and speed.

### TYPES OF ASSESSMENTS

- General Pre-Storm Maintenance Assessments
- Service Ticket Patrols
- Downed-Wire Assessment
- Site Condition Assessments
- Fusing And Sectionalizing Assessments
- Post Construction Assessments





# RAPID DAMAGE ASSESSMENT FOR HURRICANE MILTON RECOVERY

THROUGHOUT THE FLORIDA COAST

## THE RESULTS

WCEP delivered exceptional results, ensuring the project's success:

- Comprehensive damage assessments were **completed faster** and with higher accuracy than larger teams
- **Trust in the quality** of WCEP's data led the client to expand the scope of work, assigning additional regions to the team
- The client praised WCEP's ability to reassess areas previously evaluated by other teams, **improving the accuracy and reliability of the data**

## PROCESS FOR SUCCESS

- Receive call for mobilization
- Identify resource needs and requirements
- Mobilize teams and equipment
- Assess scope of work provided by customer
- Identify and report issues in field
- Communicate progress with client
- Standby until notified of work completion
- Demobilize and provide follow up documentation



“ Our damage assessment teams were able to cover more locations and provide higher quality data with quicker turnaround times than teams three times our size. WCEP’s expertise was so reliable that we reassigned them to reevaluate areas others had already inspected, with better results and faster responses. ”





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