

FMEA 2024 Hurricane and Storm Preparedness Forum

Public Power Mutual Aid

Amy Zubaly, FMEA Executive Director

What to Cover Today

- FMEA Role and Resources
- Hurricane Idalia
- Mutual Aid Provision in Recent Legislation – NEW
- Continued Advocacy on Public Power performance
- Outage Reporting – Possible Revisions?
- Overview of FMEA/APPAs Mutual Aid Process
- APPA Guiding Principles – NEW
- Mutual Aid Checklist to Responding Utilities – NEW
- Crew Roster Form – Updated
- Mentor Program – NEW

FMEA Emergency Response Role

- **FMEA serves as YOUR statewide mutual aid coordinator**
 - We will help you get additional crews and resources that you need to help you restore power
 - In addition, we work with other states, through the APPA mutual aid network, and will assemble Florida public power crews to help in other areas when there is a need
- **FMEA serves as the liaison between you and our state and federal partners**
 - State Emergency Operations Center
 - Governor's Office
 - Florida Division of Emergency Management
 - Public Service Commission
 - Electric Subsector Coordinating Council
 - U.S. Department of Energy

FMEA Emergency Response Resources

Hurricane & Storm Response Center

Mutual Aid Procedures & Documents	Signed Mutual Aid Agreements	Municipal Mutual Aid Pay Policies	Member Mutual Aid Guides
FEMA & FDEM Resources	Infographics	Additional Resources	Hurricane Toolkit
Toolkit: Start of Season	Toolkit: Approaching Storm	Toolkit: Electric Restoration	Toolkit: Crew Safety



Prepared for
Florida Municipal Electric Association

Toolkit for Procurement Under Federal Grants
Tools for Compliance with the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards at 2 C.F.R. Part 200 and FEMA Guidance

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What can FMEA add that is helpful? Send us your resources to include.

MutualAid@flpublicpower.com



Hurricane Idalia



FMEA Energy Connections

Hurricane Idalia Stats and Facts

- Landfall August 30, 2023, as Category 3 hurricane, winds 125 mph.
- Strongest hurricane to make landfall in Big Bend region in more than 125 years.
- More than 288,000 outages, with just over 42,000 from Florida public power.
- Coordinated more than 350 out-of-state mutual aid resources from 23 states.
- All Florida public power customers restored in less than 48 hours.
- More than 300 public power lineworkers went to assist coops and IOUs.





2024 Florida Legislative Session and Advocacy



HB 1645/SB 1624 – Energy Resources

(Rep. Bobby Payne/Sen. Jay Collins)

- **Implements new mutual aid provision for municipal electric utilities and rural electric cooperatives:**
Requires cooperative and municipal utilities to have at least one mutual aid agreement in place with either a municipal utility, coop, IOU, or private contractor. Requires an annual attestation to the PSC stating compliance with the statute by May 15 of each year (beginning in 2025). Municipal and cooperative utilities in compliance will be eligible for new state financial assistance, when available, to assist with restoration efforts. This does not impact our utilities' eligibility for FEMA reimbursement. As with other required reporting to the PSC, FMEA would take the lead in working with members to complete attestation annually. All FMEA members are already in compliance!
- Deletes most references to climate change currently in state law.
- Bans offshore wind turbines within a mile of the state's coast or in Intercoastal waterways and state waters.
- Requires natural gas resiliency facilities to be included in local government comprehensive plans.
- Requires IOUs to notify the PSC prior to power plant retirements.
- Implements several studies and assessments regarding the security and resilience of the state's electric grid and natural gas facilities, the feasibility of advanced nuclear power technologies, and the potential for hydrogen fueling infrastructure development.



FMEA Advocacy on Public Power Response

FMEA continuously advocates on Public Power's storm hardening efforts and expeditious storm response and recover.

- On average, municipal electric utilities restore power 1-2 days faster during hurricanes than other utilities serving customers in the same Florida counties.
- Year over year, impacted areas are experiencing fewer outages during storm season, directly attributable to resiliency efforts and hardening our systems.
- Municipal utilities have a robust nationwide mutual aid network. The last few storm seasons have seen nearly 30 states provide mutual aid to Florida public power utilities, totaling thousands of mutual aid resources helping to restore power.

Hurricane Response:

Fewer Outages, Faster Restoration

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- During Hurricane Idalia, peak outages for Florida's municipal utilities reached just over 42,000 of the more than 288,000 statewide.
- Because of the around-the-clock efforts of Florida's public power utilities and our out-of-state mutual aid partners, we restored all outages in less than 48 hours.



STORM RESPONSE





Outage Reporting



State Outage Reporting

- Mandatory State Outage Reporting
 - 5am, 8am, 11am, 2pm, 5pm, 8pm
(Reports come out 1 hour after)
 - Only begin reporting once you experience related outages
 - Continue at the above 3-hr intervals until all customers restored – we need a “restored” submission!
 - Send to mutualaid@flpublicpower.com
- Number of customer accounts restored – new?

State Outage Reporting

5am, 8am, 11am, 2pm, 5pm, 8pm Mandatory!



Report an Outage for Your Company

✓ Provider and County	Current Number Out	Current Unable to Receive Power	Outage Percentage	Percent With	Number of Customers	Estimated Restore Time
✎ Chattahoochee Electric - GADSDEN	0		0.00%	100.00%	1,135	TBD
City of Blountstown - CALHOUN	0		0.00%	100.00%	1,319	TBD
City of Clewiston - HENDRY	0		0.00%	100.00%	4,177	TBD
City of Bushnell - SUMTER	0		0.00%	100.00%	1,639	TBD
City of Alachua - ALACHUA	0		0.00%	100.00%	4,506	TBD
City of Bartow - POLK	0		0.00%	100.00%	12,074	TBD
City of Newberry - ALACHUA	0		0.00%	100.00%	2,342	TBD
City of Moore Haven - GLADES	0		0.00%	100.00%	1,012	TBD
City of Quincy - GADSDEN	0		0.00%	100.00%	4,768	TBD
City of Fort Meade - POLK	0		0.00%	100.00%	3,000	TBD
City of Starke - BRADFORD	0		0.00%	100.00%	2,792	TBD
City of Mount Dora - LAKE	0		0.00%	100.00%	6,110	TBD
City of Havana - GADSDEN	0		0.00%	100.00%	1,455	TBD
City of Leesburg - LAKE	0		0.00%	100.00%	27,629	TBD
City of Tallahassee - LEON	0		0.00%	100.00%	126,309	TBD



- TBD
- <24
- 24
- 48
- 72
- >72
- >5 days
- Rebuild
- Restored

Source: Florida Emergency Operations Center



Public Power Mutual Aid



MUTUAL AID AGREEMENT

consideration of the mutual commitments given herein, each of the Signatories to this Mutual Aid Agreement agrees to render aid to any of the other Signatories as follows:

Request for aid. The Requesting Signatory agrees to make its request in writing to the Aiding Signatory within a reasonable time after aid is needed and with reasonable specificity. The Requesting Signatory agrees to compensate the Aiding Signatory as specified in this Agreement and in other agreements that may be in effect between the Requesting and Aiding Signatories.

Discretionary rendering of aid. Rendering of aid is entirely at the discretion of the Aiding Signatory. The agreement to render aid is expressly not contingent upon a declaration of a major disaster or emergency by the federal government or upon receiving federal funds.

Invoice to the Requesting Signatory. Within 90 days of the return to the home work station of all labor and equipment of the Aiding Signatory, the Aiding Signatory shall submit to the Requesting Signatory an invoice of all charges related to the aid provided pursuant to this Agreement. The invoice shall contain only charges related to the aid provided pursuant to this Agreement.

Charges to the Requesting Signatory. Charges to the Requesting Signatory from the Aiding Signatory shall be as follows:

- a.) Labor force. Charges for labor force shall be in accordance with the Aiding Signatory's standard practices.
- b.) Equipment. Charges for equipment, such as bucket trucks, digger derricks, and other special equipment used by the Aiding Signatory, shall be at the reasonable and customary rates for such equipment in the Aiding Signatory's location.
- c.) Transportation. The Aiding Signatory shall transport needed personnel and equipment by reasonable and customary means and shall charge reasonable and customary rates for such transportation.
- d.) Meals, lodging and other related expenses. Charges for meals, lodging and other expenses related to the provision of aid pursuant to this Agreement shall be the reasonable and actual costs incurred by the Aiding Signatory.

Counterparts. The Signatories may execute this Mutual Aid Agreement in one or more counterparts, with each counterpart being deemed an original Agreement, but with all counterparts being considered one Agreement.

Execution. Each party hereto has read, agreed to and executed this Mutual Aid Agreement on the date indicated.

te _____ Entity _____ (name/ state)
By _____ (please print)
Title _____

Public Power Mutual Aid Agreement

APPA/NRECA Mutual Aid Standard Agreement

- Signed by all Florida Public Power
- Signed by all Florida Coops
- Signed by more than 1,600 public power/coops nationwide
- Initially established in late 90s with input and guidance from FEMA

Statewide Mutual Aid Assistance Compact

- Working through FCG, on June 29, 2017, Florida electric utilities finalized the 'Florida Electric Utilities' Statewide Mutual Aid Assistance Compact'.
- Participants included all Florida's investor-owned and municipal electric utilities, FCG, FMEA and FMPEA.
- The Compact strengthened the provision of mutual aid assistance on a statewide basis between Florida investor-owned and municipal electric utilities.
- Form IOU mutual aid agreements were included in the 2017 Compact, which are available for use by all municipals and cooperatives. Those were updated in 2022, to provide for continuation of effective terms.

Mutual Aid Roles

Utility Coordinator

- Chosen by utility
- Primary point of contact for organization's mutual aid process

Designated State Coordinator

- Primary connection between requesting and responding utilities in their state
- Coordinated with DSCs in other states during regional events
- Interfaces with State Emergency Operations Centers (EOCs)
- Provides information to APPA during regional and national events

National Coordinator

- APPA staff member or designated member of the MAC Executive Council who stands ready to help when a response demands national-level coordination or proactive support
- Central point of contact for DSCs, the federal government, and the MAC

Responsibilities: Utility Coordinators

“Blue Sky” Days

- Maintain Emergency Plans
- Communicate with FMEA regarding contact info
- Maintain updated contact lists, response checklists/templates, and contracts
- Inventory materials, supplies, and their locations
- Participate in exercises to test the mutual aid process

“Black Sky” Days

- Communicate needs (or available resources) to FMEA, who will match resource requests with available resources
- **Coordinate with matched utility(ies) for deployment and onboarding**
- Provide periodic updates of needs (or availability)
- Inform FMEA when resources can be released to assist other utilities

Responsibilities: State Coordinators

“Blue Sky” Days

- Ensure understanding of the mutual aid process :
 - Onboarding new utility coordinators
 - Communicating periodically with state utilities
 - Establishing redundant/backup information-sharing processes
- Maintain personnel and material inventories information from utilities
- Participate in exercises to test the mutual aid process

“Black Sky” Days

- Monitor and report on response within the state
- Maintain the Mutual Aid Resource Allocation Tool to match requested and available resources
- Broadcast resource needs and statuses to DSCs in surrounding states and the National Coordinator
- Work with DSCs in other states and APPA to mobilize needed personnel and materials
- Attend National Mutual Aid Calls if activated
- Participate in post-event review to review lessons learned

Florida Public Power Mutual Aid Procedures

FMEA Mutual Aid Coordinators

FMEA provides mutual aid coordination to its members, including coordination with in- and out-of-state public power utilities, and other utilities when needed, for restoration and support personnel and associated equipment.

FMEA members shall use the following procedures to both request and offer mutual aid support. Any time prior to, during, or after a major storm/hurricane or other emergency event, FMEA mutual aid coordinators will make arrangements with other utilities for emergency support and assistance. Staff will work with you to either help you find crews or help you provide assistance to others. Below is the contact information for FMEA's mutual aid coordinators.

Primary: Amy Zubaly (850) 251-6200, azubaly@flpublicpower.com
Backup: Elizabeth Bendele (210) 844-8788, ebendele@flpublicpower.com
Nicole Albers (850) 544-5056, nalbers@flpublicpower.com

You can also reach all of us at mutualaid@flpublicpower.com.

Before the Storm

1. Make certain all your utility contact information is correct in the FMEA Mutual Aid Directory, which is sent out to members prior to a hurricane and periodically throughout the year. If you have personnel changes that are responsible for mutual aid, please make FMEA aware.
2. Identify available crews. If the storm is NOT predicted to hit your area, and you have available crews, tell FMEA how many crews you have available to assist others.
3. Determine if you want to pre-plan or pre-stage mutual aid crews. If so, identify the type/numbers of work crews and equipment you think you need and communicate that to FMEA coordinator so they can begin to arrange the assistance for you.
4. If you anticipate needing mutual aid, make sure to have logistical arrangements secured for all the responding crews: hotel/lodging, food, laundry.
5. Secure contracts with food vendors or private contractor line crews in advance of the storm.

After the Storm

1. Call FMEA after the storm or emergency event and request or update any mutual aid needs.
2. The State Emergency Operations Center (EOC) will alert us when outage reporting is activated. Outages MUST be reported to FMEA by emailing us at mutualaid@flpublicpower.com every 3 hours at these intervals: 5 am, 8 am, 11 am, 2 pm, 5 pm, 8 pm. FMEA then provides this information to the State EOC, which is subsequently reported to the Governor and other state and federal entities. Outages must continue to be reported to FMEA until all customers that can receive power are restored.
3. Identify any types of specialized work crews or equipment you may need. These include specialists in overhead, underground or transmission, assessors, storm managers or documenters.
4. Identify the types of materials you may need (i.e., types of wire, connectors, cut outs and fuses).
5. If you did not receive impacts from the storm and have crews available to assist others, please contact FMEA to offer your availability.
6. If you received mutual aid support and no longer need the assistance, please do not release the crews without alerting FMEA first in case they are needed at another utility.

FMEA's mutual aid coordinators will compile a list of needs for your utility, then contact other public power utilities from unaffected areas, both in Florida and across the U.S., working through the APPA mutual aid network. Please work through FMEA for support, and do not contact other utilities directly for assistance.

FMEA State Coordinators

- Primary:
 - Amy Zubaly, (850) 251-6200, azubaly@flpublicpower.com
- Backup:
 - Elizabeth Bendele, (210) 844-8788, ebendele@flpublicpower.com
 - Nicole Albers, (850) 544-5056, nalbers@flpublicpower.com
- MutualAid@flpublicpower.com

OVERVIEW: These guiding principles have been drafted, through an American Public Power Association (APPA) working group process, to be used as a resource for utilities rendering and receiving mutual aid assistance through the one-page APPA mutual aid agreement. The guiding principles DO NOT address allocation of risk and liability. And, so, these guiding principles ARE NOT an amendment to the APPA agreement. But, they are offered to utilities that wish to opt-in or otherwise utilize them to guide their reimbursement and documentation needs for mutual aid assistance. Because FEMA public assistance for mutual aid costs are not assured, and can depend on particular circumstances, these guiding principles are not meant to adhere to any particular FEMA requirement, but have been assembled based upon mutually agreeable and consistent mutual aid principles among a broad selection of APPA's member utilities.

MUTUAL AID AGREEMENT
GUIDING PRINCIPLES FOR REIMBURSEMENT AND DOCUMENTATION MATTERS

Topics addressed:

- Travel time pay
- Emergency travel; crew swaps
- Equipment breakdown costs
- Details on:
 - Food
 - Laundry services
 - Hotel accommodations
 - Personal items
 - Materials and supplies
- Documentation for:
 - FEMA
 - Invoicing

Mutual Aid Guiding Principles

- NEW – Florida led and adopted nationally
- Guide reimbursement and documentation needs for mutual aid assistance.
- Based upon mutually agreeable and consistent mutual aid principles among a broad selection of APPA members.
- NOT an amendment to the one-page mutual aid agreement and signed mutual aid agreements remain valid.
- Utilities are NOT required to complete the principles document to participate in the mutual aid program.

Mutual Aid Recognitions

FMEA Restoring Communities Award

- FMEA's Restoring Communities Award recognizes Florida public power utilities for providing OR receiving mutual aid or doing exemplary power restoration efforts to their own communities.
- FMEA verifies all recipients at end of year.
- If you provided or received mutual aid (blue sky too) make sure FMEA is aware. – MutualAid@flpublicpower.com



APPA Mutual Aid Commendation Program

- APPA's Mutual Aid Commendation Program recognizes utilities that have answered the call for assistance and aided another utility in restoring power to its customers.
- Awardees are limited to public power entities with a signed mutual aid agreement.



- To receive a commendation, complete the form on-line: www.publicpower.org/submission-mutual-aid-commendation

FMEA Emergency Response Resources

Hurricane & Storm Response Center

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Toolkit: Start of Season	Toolkit: Approaching Storm	Toolkit: Electric Restoration	Toolkit: Crew Safety



Prepared for
Florida Municipal Electric Association

Toolkit for Procurement Under Federal Grants
Tools for Compliance with the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards at 2 C.F.R. Part 200 and FEMA Guidance

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Member Mutual Aid Guides

Hurricane & Storm Response Center

Municipal Member Mutual Aid Guides



- [FMEA Mutual Aid Guide - BLANK TEMPLATE](#) (2024)
- [FPUA Storm Restoration Guide](#) (2018)
- [GRU Storm Restoration Guide](#) (2018)
- [Ocala Electric Utility Storm Restoration Guide](#) (2018)

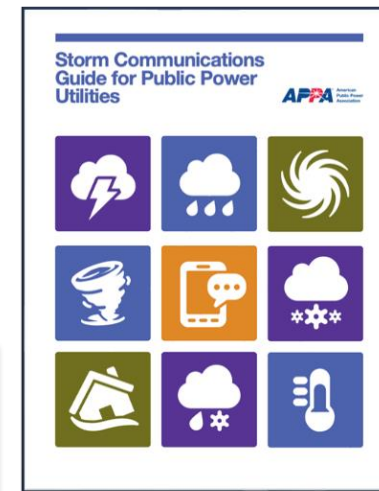
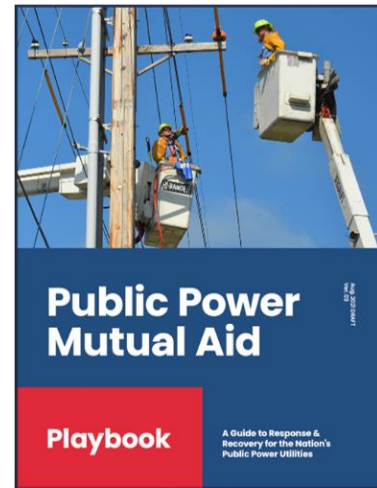
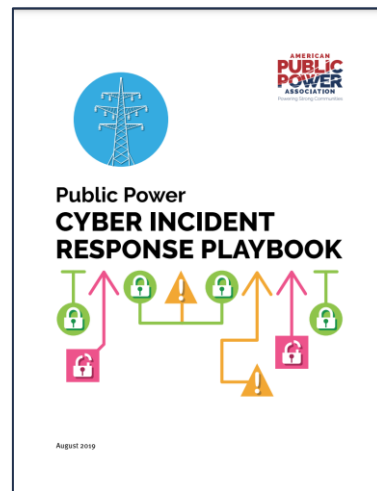
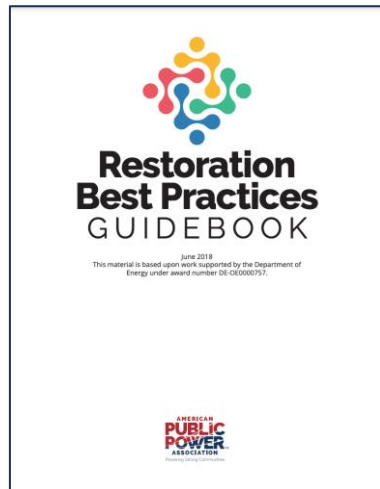
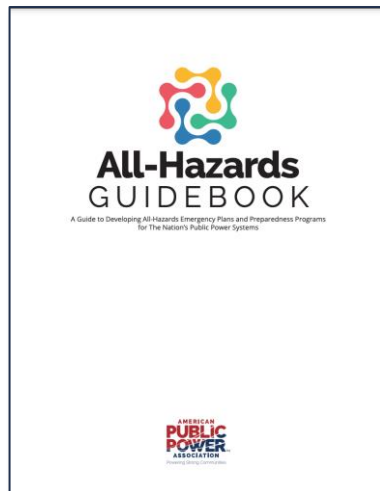


What can FMEA add that is helpful? Send us your resources to include.

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APPA Resources

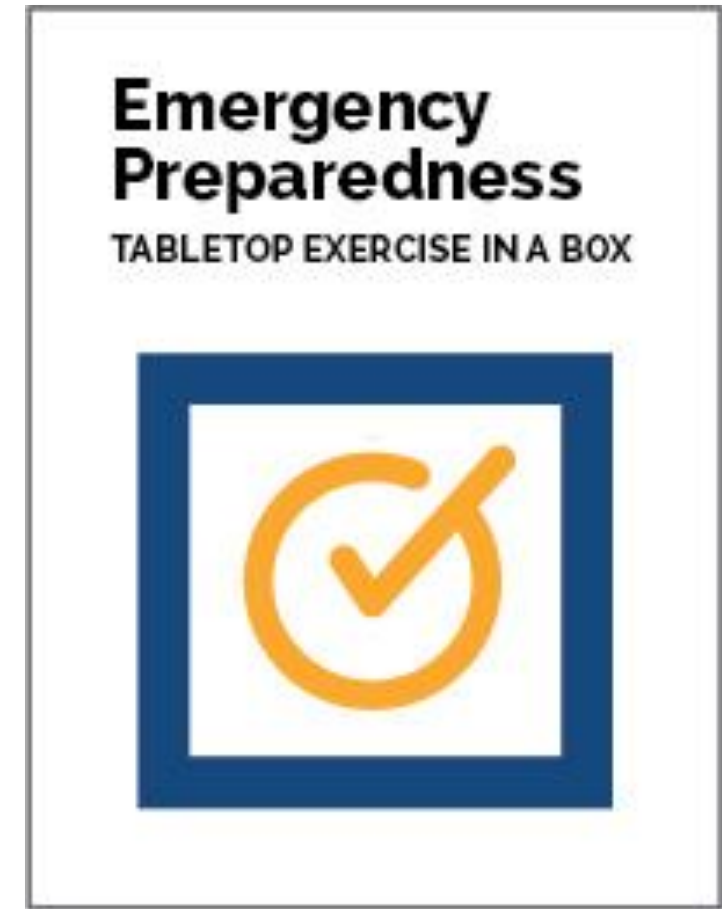
<https://www.publicpower.org/mutual-aid-and-emergency-response>



APPA Exercises & Training

Emergency Preparedness Tabletop Exercise-in-a-Box Toolkit

- Build and test the capabilities of your organization's operational groups, support staff, and leaders
- Scenarios include:
 - Active Threat / Active Shooter
 - Cybersecurity Incident
 - Flood
 - Tornado
 - Wildfire
 - Winter Storm



APPA Mentor Program

- APPA is establishing a new mentorship program that will allow MAC members to assist utilities during response operations to gain experience for future operations in their home service territory
- The objectives of the mentorship program are to:
 - Expand the number of public power professionals that have hands-on experience with response operations.
 - Increase the understanding of incident response concepts and doctrine, such as the National Incident Management System, across the public power community.
 - Enhance public power's ability to prepare for, and respond to, all hazards.
- While deployed, mentees will provide administrative and logistical support to a host utility, which may include, but not be limited to:
 - Tracking execution of restoration plans, including the development and completion restoration priorities, and publicly released ETRs
 - Coordination of mutual aid resources as part of the restoration mission

Questions?

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Operations Roundtable Questions

- Lessons learned – 2022 and 2023 lessons learned
- Resiliency/Storm Hardening Efforts – what has your utility done to harden its system and make it more resilient for storms?
- Restoration Obstacles – what types of obstacles do you foresee, particularly in large-scale event? Communications? Lodging? Onboarding?
- Onboarding Policies – How do you handle onboarding? What materials do you provide to crews?
- Handling of DER – Do you have specific training to handle DER resources/energy storage/generators? Is this done during Onboarding?
- Supply Chain – What is your availability and inventory of transformers, materials and other equipment needed for restoration? What shortages are you concerned about?
- Vegetation Management – What are your trimming cycles? What results are you seeing from your efforts?
- Pole Inspections – What is your inspection cycle? What results are you seeing from your efforts?
- Hurricane Drills – Do you conduct a hurricane drill with your utility? With your city and/or county?
- What else?