

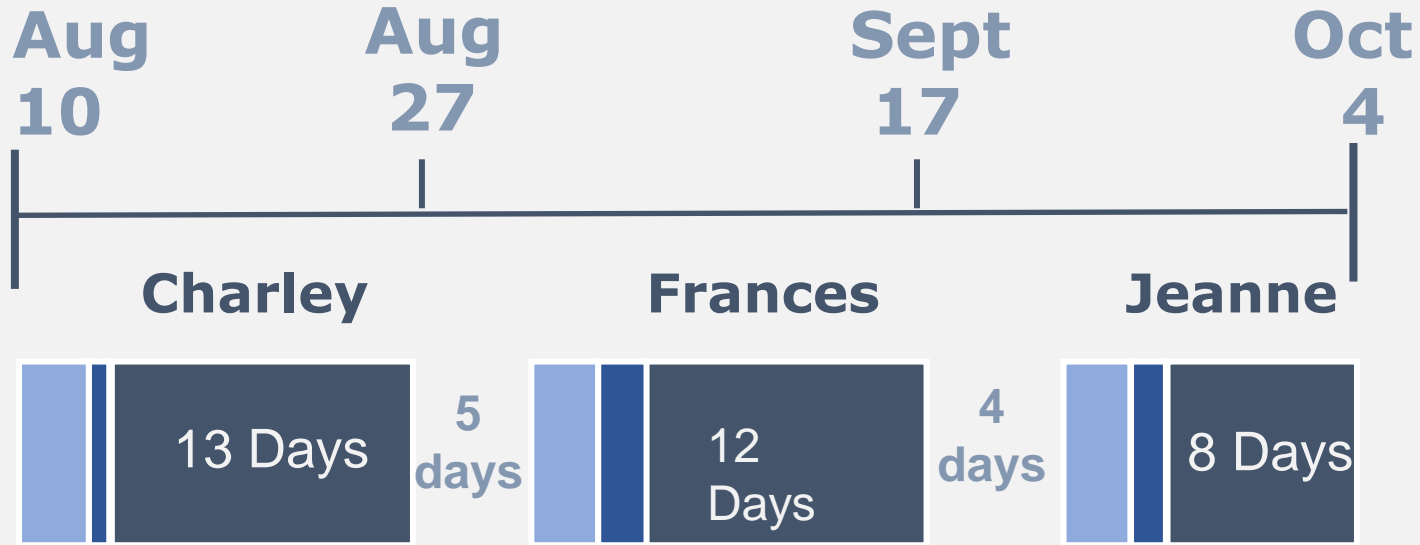
An aerial photograph of a large, swirling storm system, likely a cyclone or hurricane, over a landscape. The storm has a distinct eye in the center, surrounded by dense, white clouds that spiral outwards. The surrounding land is a mix of green and brown, suggesting a rural or agricultural area. The sky is a deep blue, and the overall scene is dramatic and powerful.

SMALL-TOWN EMERGENCY MANAGEMENT

Storm Preparation and Exercises

Steve Langley
City of Mount Dora
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2004 HURRICANE SEASON



72 Hour Preparation

Storm Impact

Restoration Period



LESSONS LEARNED FROM 2004

01

Secret to
Restoring Power

LINE TECHNICIANS

02

When things get
overwhelming

DIVIDE & CONQUER

03

When people do not know
their role, they work
against themselves

**HAVE A PLAN AND PEOPLE
KNOW THEIR ROLE**



MOUNT DORA



Mount Dora offers a unique downtown overlooking Lake Dora where you can take a leisurely stroll among the charming boutique shops, restaurants, and art galleries.

MOUNT DORA



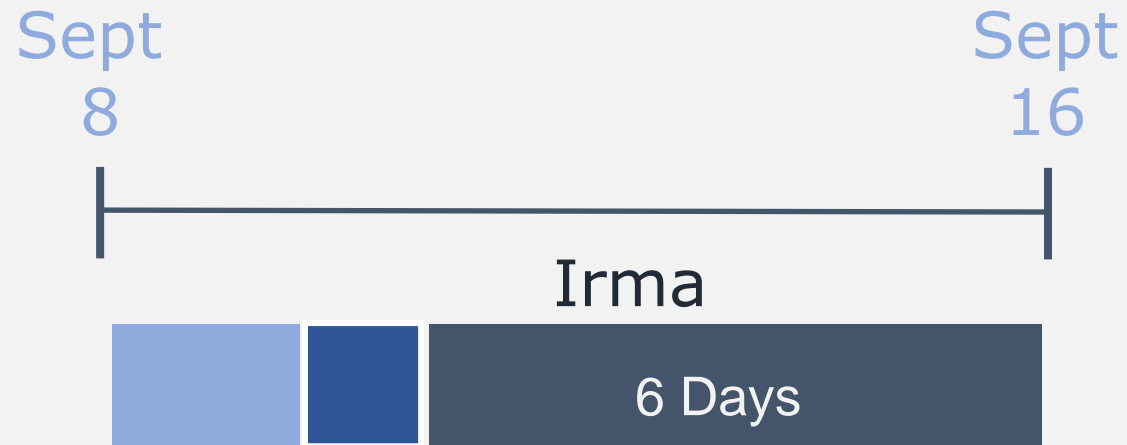
Electric Utility

- County Lake
- Total Customers: 6,103
- Service Territory: 7 sq. miles
- Peak Demand 25 MW

Recent Changes

- Large growth
- Recently added a 4MW solar farm to the distribution system

2017 HURRICANE IRMA



72 Hour
Preparation

Storm
Impact

Restoration
Period



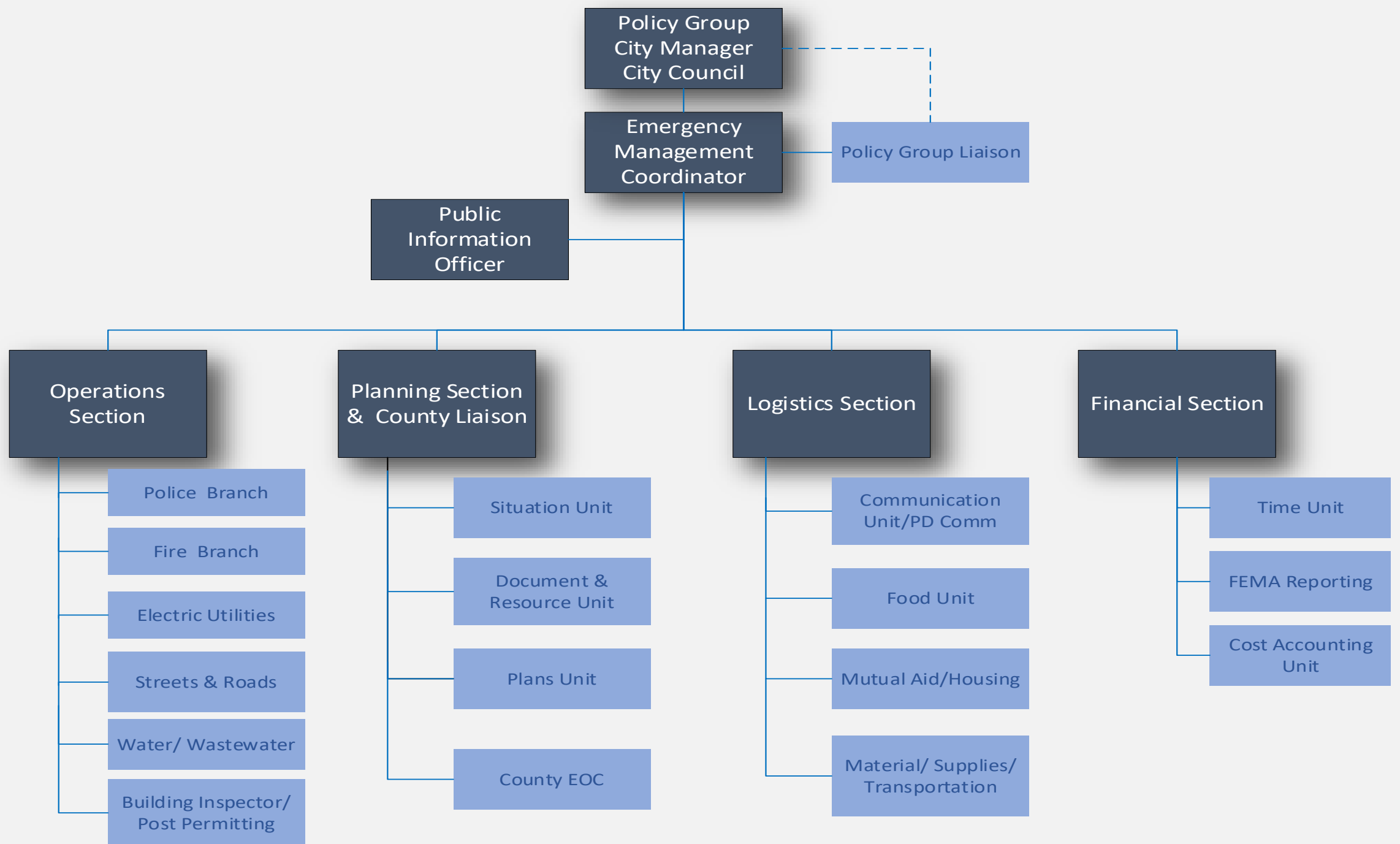
01

ORGANIZATIONAL STRUCTURE

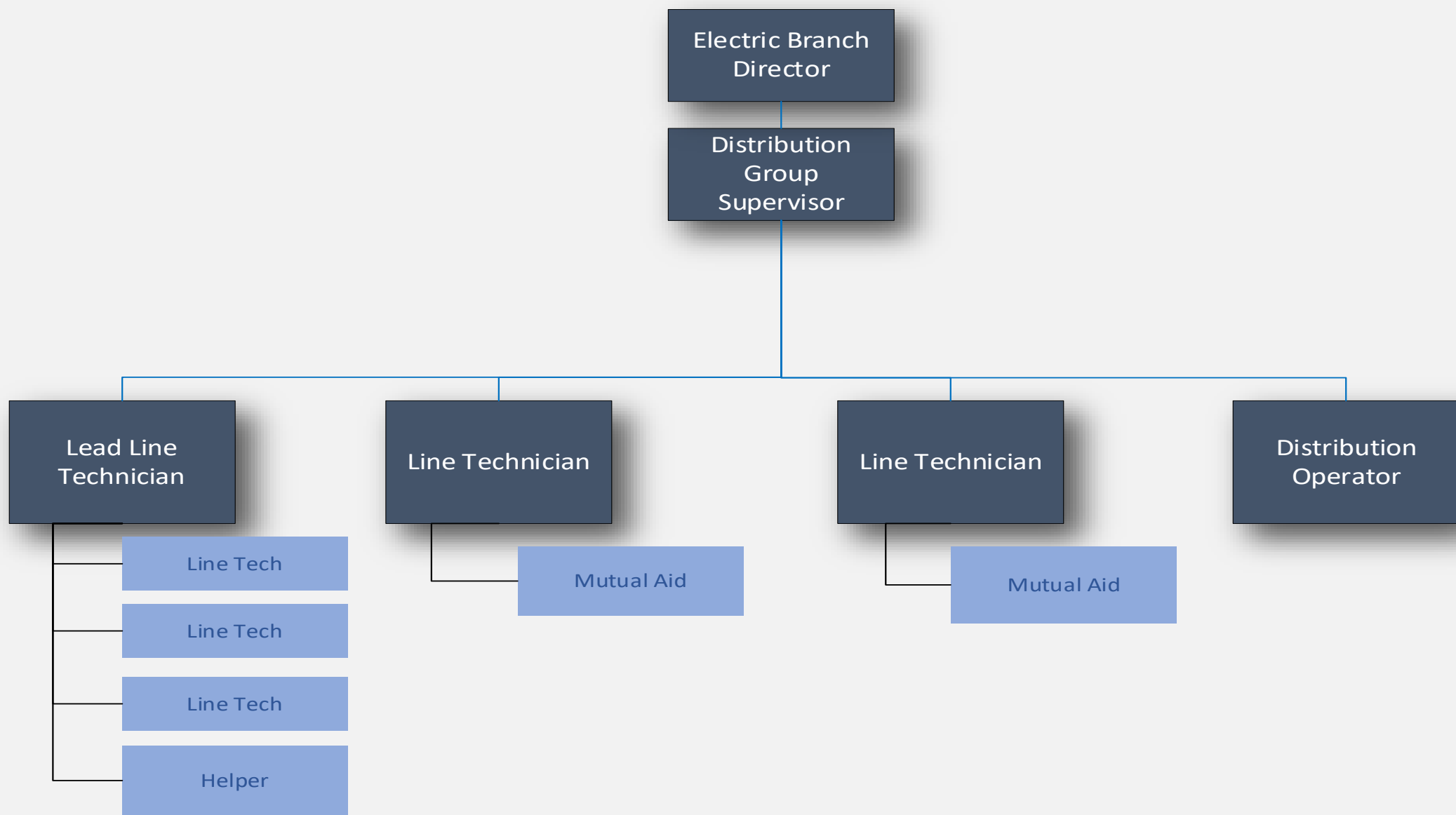
Using NIMS Incident Command System



EOC ORGANIZATION



ELECTRIC ORGANIZATION



02

APPROACH TO THE RESPONSE

Creating the Emergency Plan



PHASES

During the storm

System sweep

Response
Storm Recovery
Preparation

Lateral Restoration

After the storm

Feeder Restoration

Protective Measures



PHASES

Preparation Phase

- Before the storm
- During the storm

Operational Phase

- Main Feeder Restoration Phase
- Lateral Restoration Phase
- System Sweep Phase

Demobilization Phase

Recovery Phase (Moving functions back to normal operations)



ROLE OF EOC



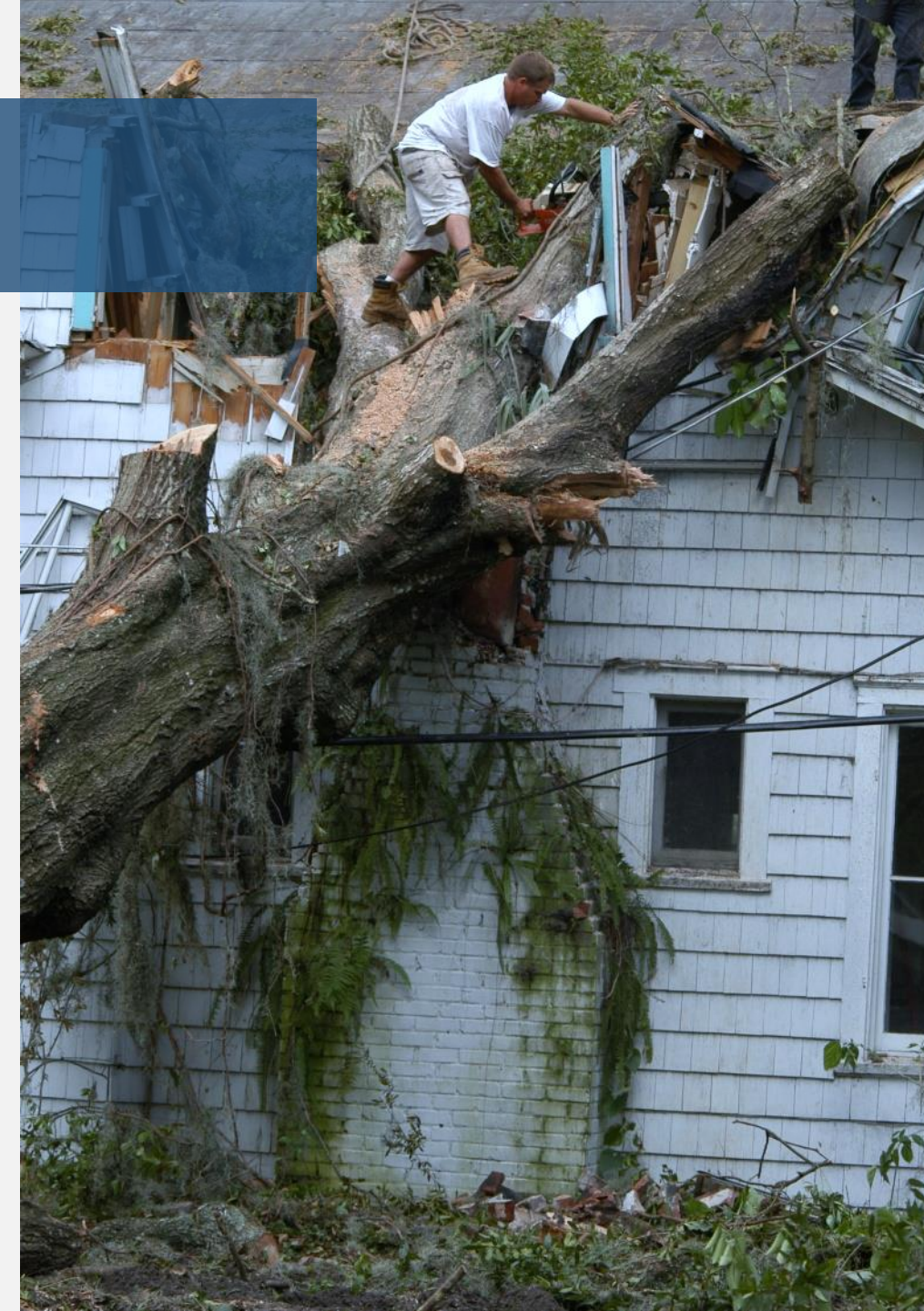
DEVELOP PLAN

Develop the Incident Action Plan for the next operational period



EXECUTE PLAN

Execute the Incident Action Plan form the operational period



03

TRAINING

Communicating the Emergency Plan



TRAINING CLASSES



ICS Basics

- Basic Incident Command Concepts



Operational Basics

- Major Responsibilities
- Individual roles
- Role in IAP Plan



Planning Basics

- Major Responsibilities
- Individual roles
- Creating an IAP Plan



Logistic Basics

- Major responsibilities
- Individual roles
- Hotels food & other necessities



Finance Basics

- Major Responsibilities
- Individual roles
- Monitoring Cost of event

04

EXERCISES

Practicing the Training



Planning the Exercise

Decide the type of Exercise

- Tabletop
- Functional

Setup the Scenario

- Build a team to create the scenario
- Select 2 to 3 big things to happen that affects most of the players



Scenario Timeline	Events	Time	Start Time	Time Comp.	EOC Manager	PIO	Operations Section	Public Safety	Electric	Streets/Roads	Water/Wastewater	Building Inspection	Planning/EOC Liaison	Situation Unit	Document Resource Unit	Plans Unit	Logistics Section	Communication
Scenario Begins																		
Operations Briefing		:15	10:00	10:15														
Operation Briefing	EOC Operations Briefing Delivered by Steve Langley Review IAP that is provided Obj. 1 Clear roads especially access point to US441 Obj. 2 Check damaged homes make sure residents are safe Obj. 3 Energize main feeders starting w/ 594 Obj. 4 Prepare for mutual aid crews to be arriving	15	10:00	10:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Individual Work																		
Individual Work	Individual work for 1 hour Need to find Contractor to repair Annex roof. Set up staging area; Familiarize yourself with the situation by looking at the maps etc. Planning should prepare documents for new IAP Get list of all people working Outage Report is Due	1:00	10:15		X	X	X	X	X	X	X	X	X	X	X	X	X	X
Outage # Due	Outage Number Due to EOC Director	0:00	10:15			X	X		X									
Control	EOC Manager: Provide the projected cost that will be spent today.						X		X	X	X				X			
Control	EOC Manager There will be a status meeting at 10:45am Be prepared to update your status.				X													
Inject #1	ELECTRIC: Call remind them that tree crews are needed. Zimmerman Phone		10:15				X		X									X
Inject #2	ROADS & STREETS: One of the loaders has damaged a tire and it needs to be replaced. Harper's Phone		10:15															X
Inject #3	ELECTRIC: We are at Baker and 10th and having trouble riding Circuit 594. Can we get police to clear the traffic Zimmerman Phone		10:18		X		X		X									

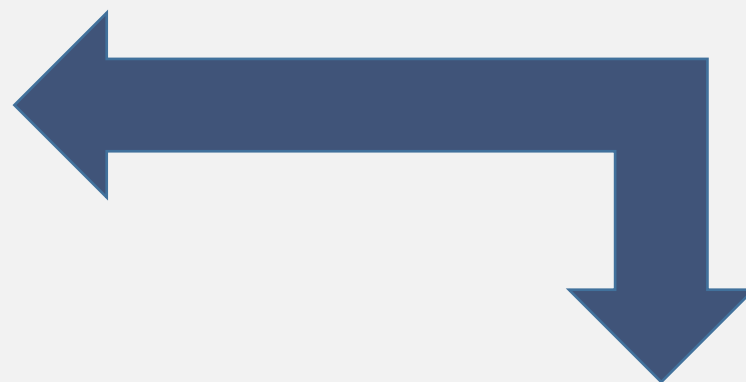
MASTER SCENARIO OF EVENTS

A guide to the exercise that lays out exactly how the exercise will flow, minute by minute, and makes sure every player is involved in the exercise

DAY OF EXERCISE



Players



Controllers