

An aerial photograph of a region, likely a coastal or river valley area, with a grid overlay. The grid consists of a blue border and a yellow border. A central text box is defined by a blue border and a yellow border. The text is in a bold, blue, sans-serif font. The background shows a mix of green, brown, and grey tones, suggesting a mix of vegetation, water, and land.

# Planning & Preparation

**Choctawhatchee Electric  
Cooperative, Inc.**

**2004/2005 Hurricane Seasons**



# CHELCO Facts

- Primarily in Walton & Okaloosa Counties extending into Santa Rosa and Homes.
- **Service Area** — 60 miles east & west X 52 miles north & south. (Gulf of Mexico to Alabama/Florida Line)
- **Members** – 46,000
- **Employees** - 143



# Impacting Hurricanes for 2004/05

- **Opal – 1995** - October 4<sup>th</sup>, response, ten to eleven day event for CHELCO
- **2004 - Ivan** - September 16<sup>th</sup> , Level II response, eight day event for CHELCO.
- **2005 – Dennis** — July 10<sup>th</sup>, Level I Response , two day event for CHELCO.
- **2005 – Katrina** – Level I response, one day event for CHELCO.  
(Assisted others in Ala, Miss & LA for 45 days)



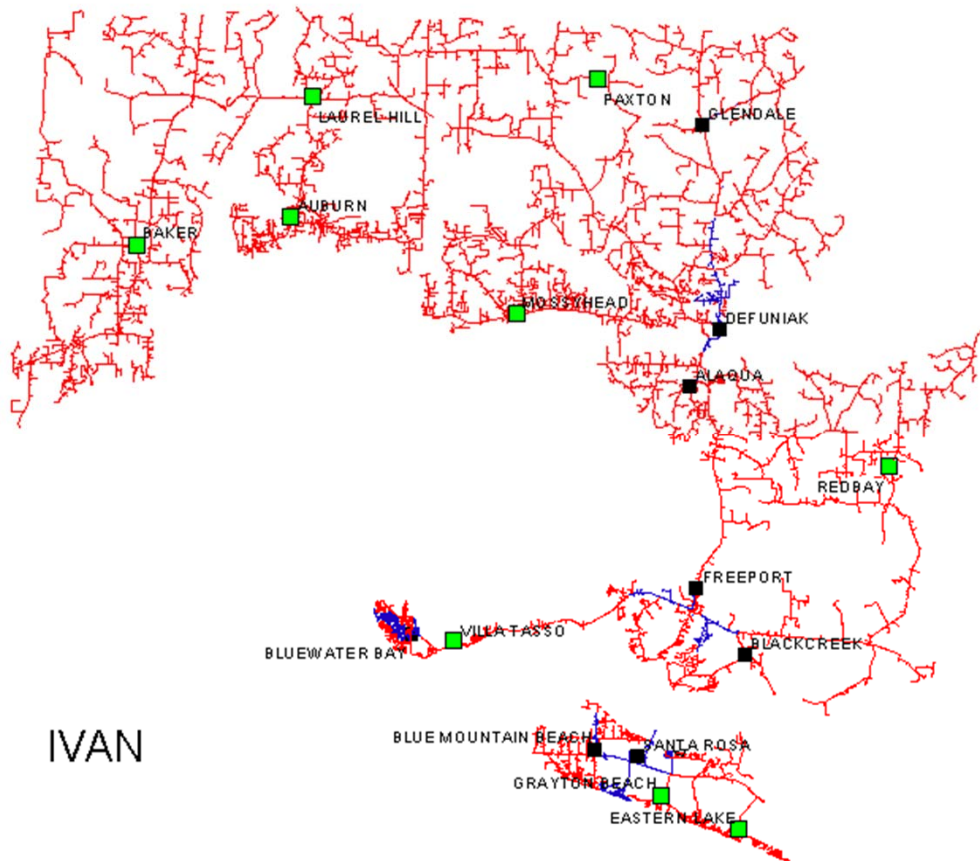
# Key Lessons Learned

## ➤ Plan Revision After Opal

- Created a Command and Control.
  - All information flows in and out of.
  - All major decisions.
  - Overall restoration effort control.
- Decentralized Restoration Responsibilities.
- Empowered Employees.
- Improved Crew Dispersion
- Advanced Agreements for Restoration Assistance.
- Advanced Agreements for Lodging and Food.



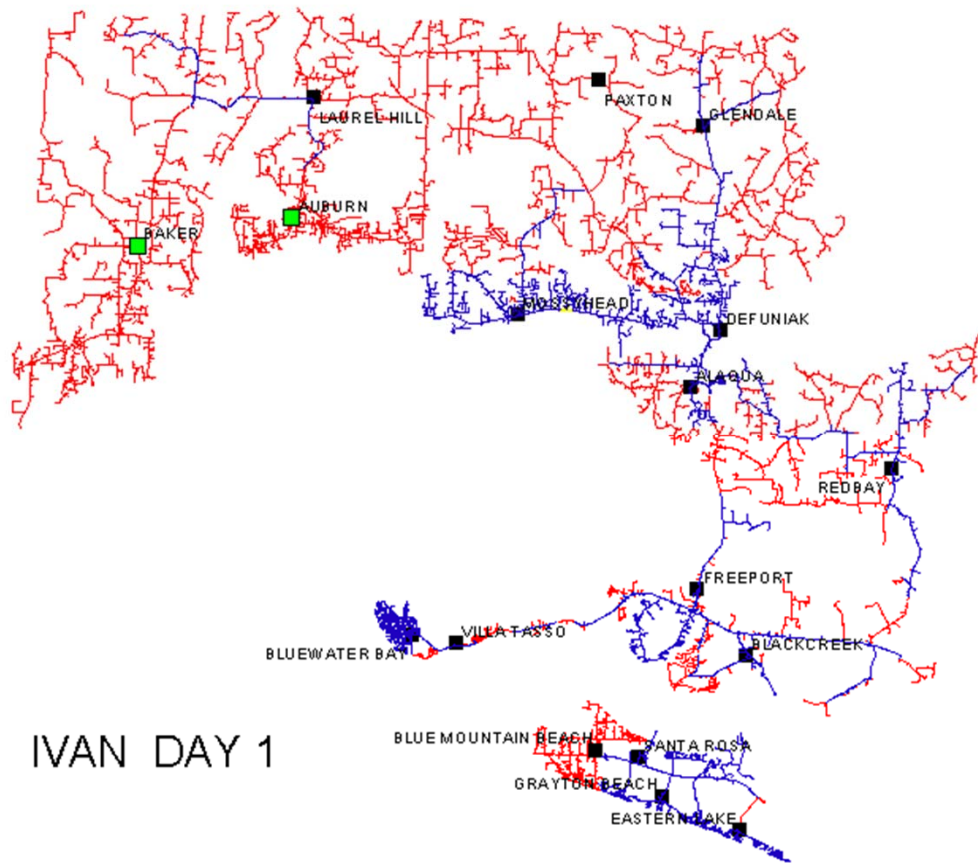
# IVAN



IVAN



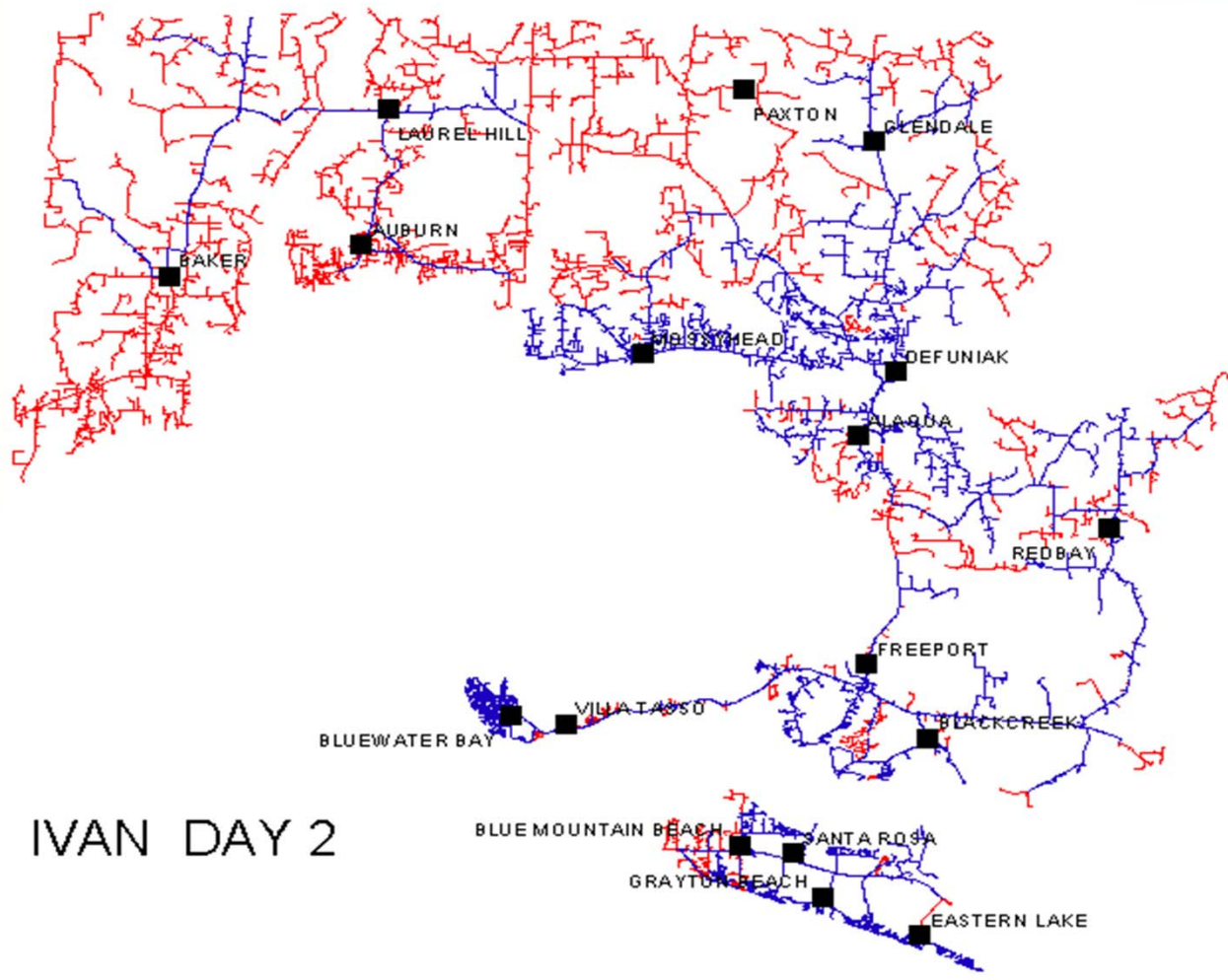
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IVAN DAY 1



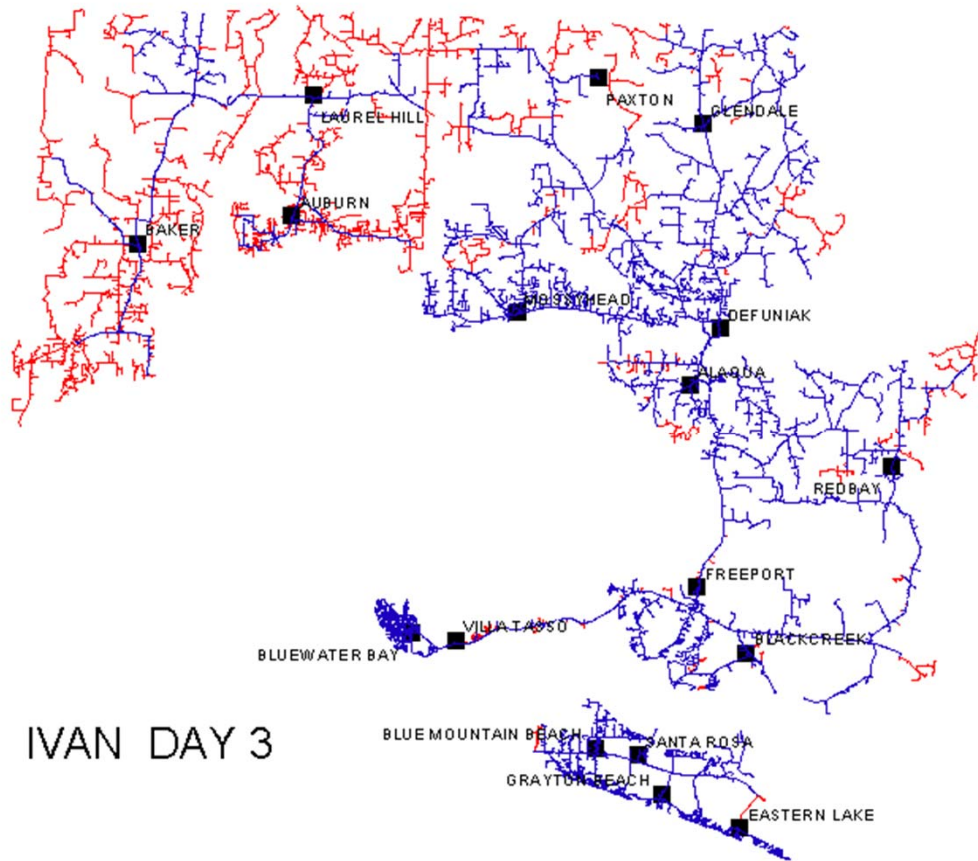
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IVAN DAY 2



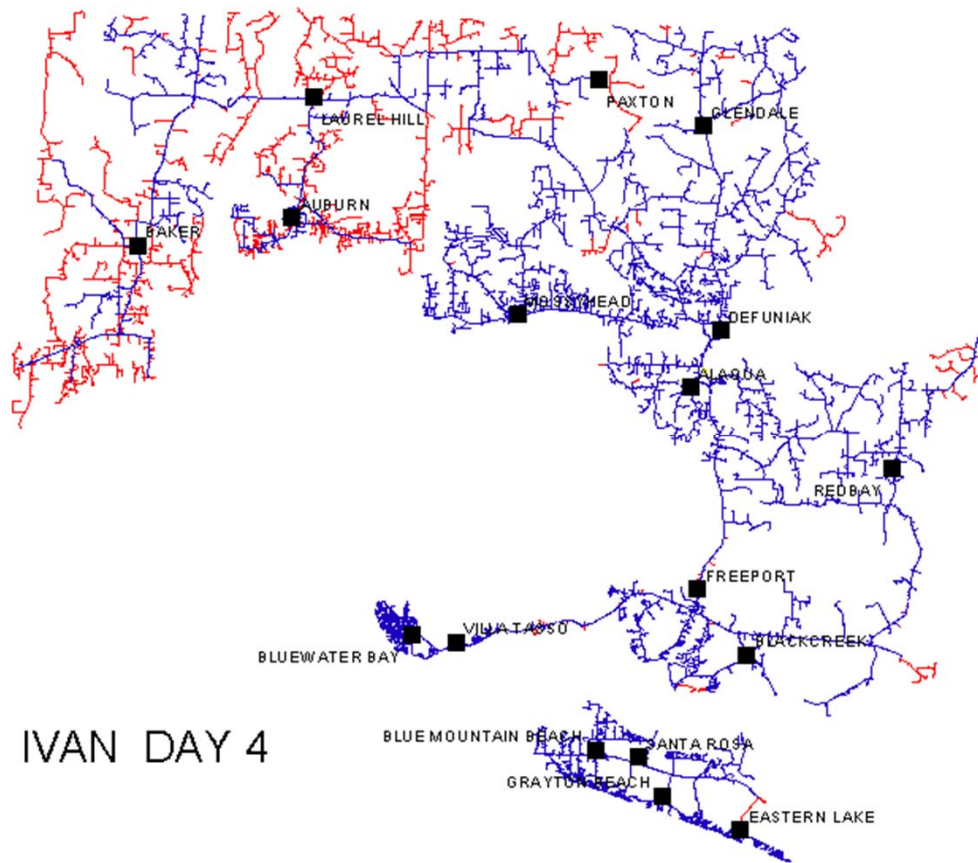
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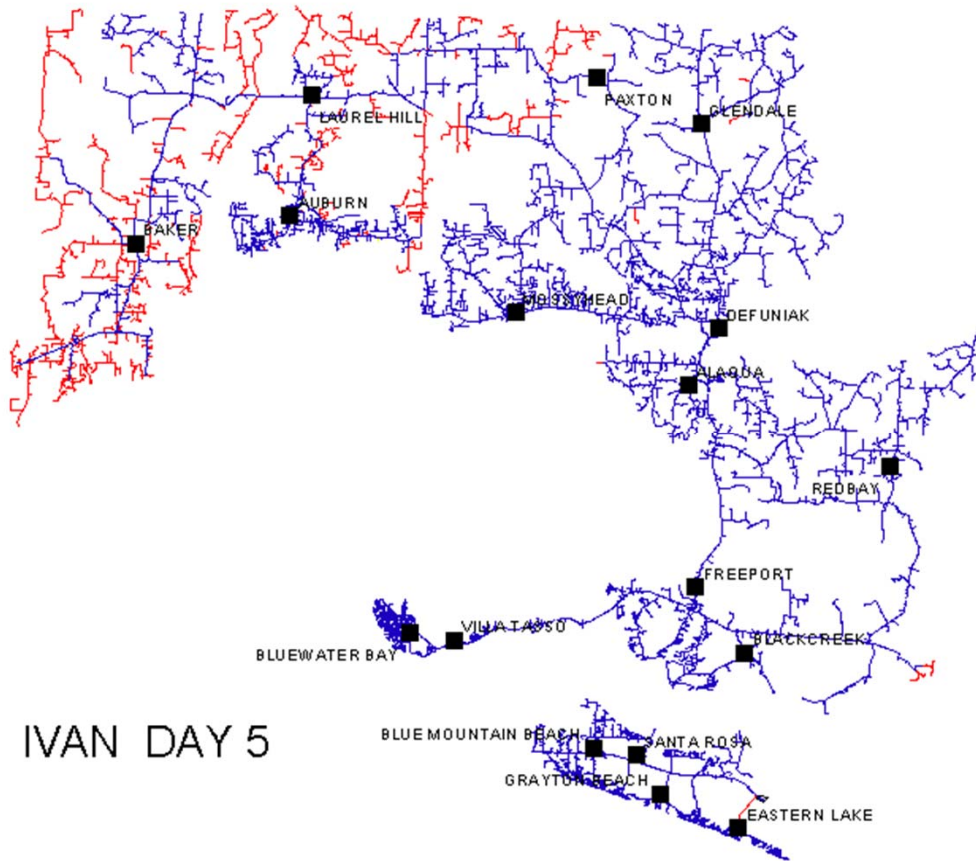


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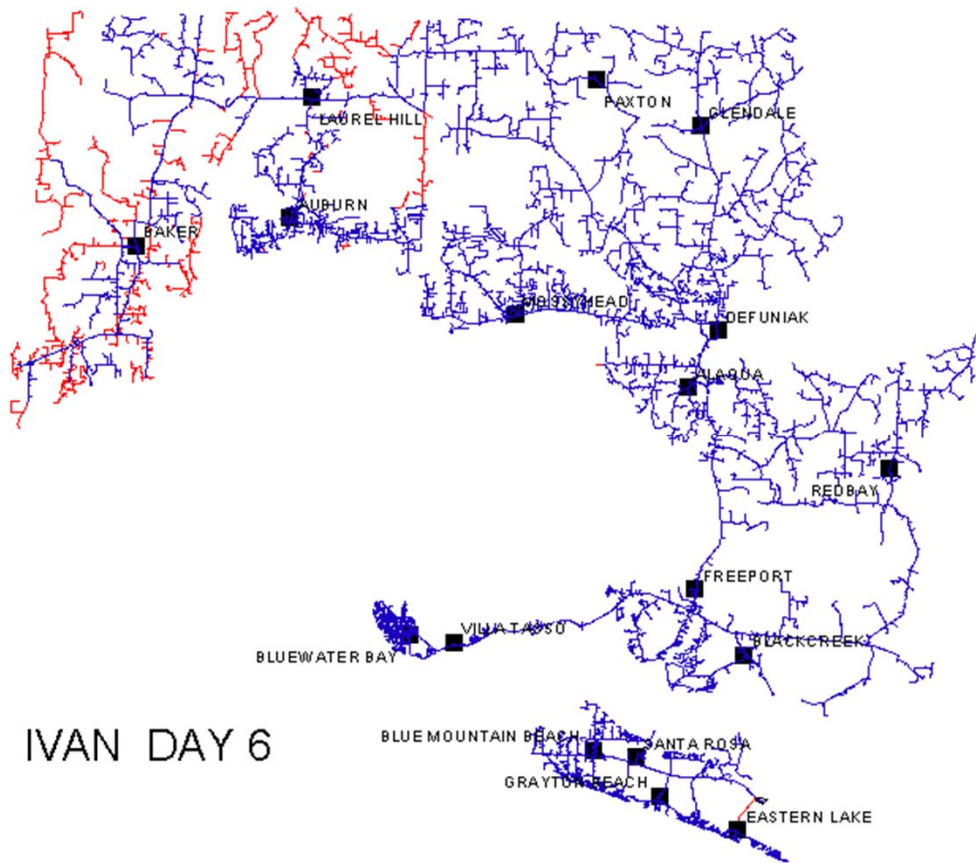


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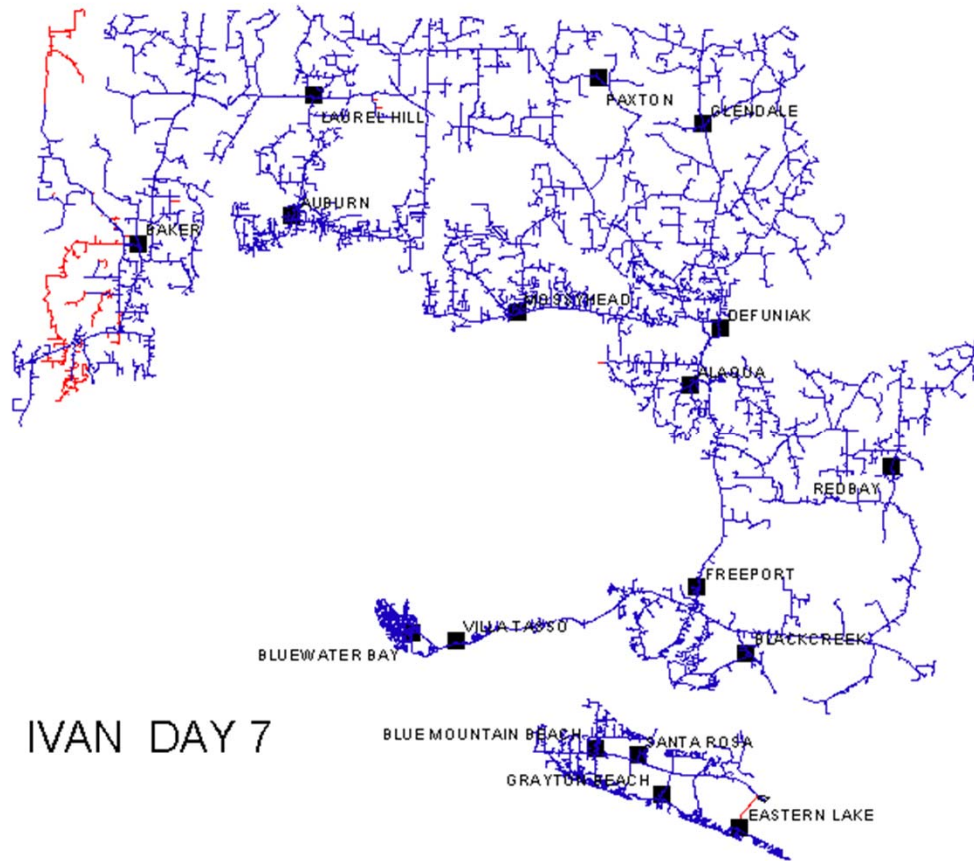
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IVAN DAY 6



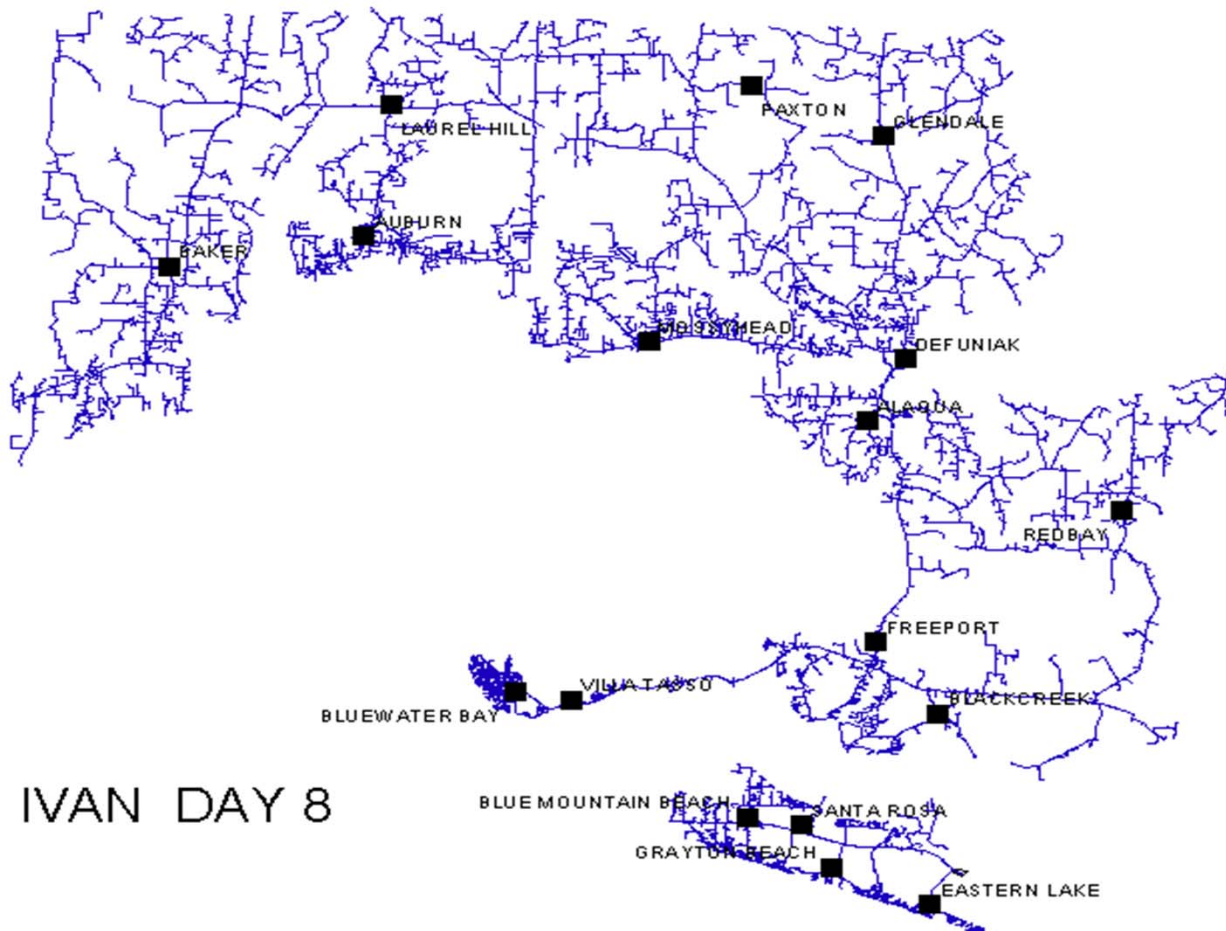
# IVAN



IVAN DAY 7



# IVAN



IVAN DAY 8



# Planned Response Levels

- **Level I** – minimal response required
- **Level II** – substantial response required
- **Level III** – critical and extensive response (added after 2005 season)



## CHELCO Level One

- Minimal system damage anticipated.
- Widespread outage conditions.
- Estimated 24 to 36-hour restoration.
- CHELCO crews and some possible internal assistance, only.
- Rotation of crews for around- the - clock restoration effort.



## CHELCO Level Two

- Substantial damage/outage conditions system wide anticipated, may include some transmission/substation facilities.
- Estimated time of restoration 5 to 10 days.
  - 16-hour work days.
- Command Center staffed and operational.
- CHELCO construction crews and all assigned internal assistance.





## CHELCO Level Two, cont.

- Outside assistance required through mutual aid & private contractors.
  - 200-250 Assisting Personnel.
- Coordination for Food and Lodging required.
  - 125 to 130 motel rooms.



## CHELCO Level Three

- Extensive widespread system destruction anticipated to include transmission/ substation damage.
- Estimated time of restoration “unknown”.
- CHELCO and all assigned internal crew assistance.
- Large numbers of assisting crews required through mutual aid and private contractors.
  - 375 to 475+ individuals
- Arrangements for lodging, food, showers and laundry service at predetermined staging site.
- Security for staging areas
- Materials & supplies delivered directly to predetermined sites.
  - 16-hour work days.



# CHELCO Command and Control

- **CEC Emergency Coordinator**
  - Initiates, coordinates, and oversees the entire administrative preparation and response process.
- **Workforce Assignment Coordinator \***
  - Assigns and coordinates all manpower and equipment required in restoring electrical power.
- **Operations Liaison \***
  - Coordinates the information flow between appropriate authorities.
  - Uses the incoming outage data to diagnose problems.



# CHELCO Command and Control

- **GIS Manager \***
  - To monitor and relay the restoration progress via the outage management program and other electronic sources.
- **Food Coordinator \***
  - Schedules and coordinates food for all on-duty personnel required to work restoration effort.
- **Lodging Coordinator\***
  - Schedules and coordinates lodging for all on-duty personnel required to work restoration effort.



## Command Control cont.

### ➤ Director of Communications

- Organizes and schedules all communications with media.

### ➤ Call Center Coordinator

- Oversees all Call Center activities, functions and preparations,

### ➤ Area Supervisors

- Coordinates restoration efforts and ensures safety in their area of assignment, to include all assigned CHELCO, assisting personnel /equipment and the general public.



## Command Control cont.

### ➤ Energy Control Center

- Will act in a support role only in Level II and/or III events.

### ➤ Loss Control/Safety

- Ensures compliance with safety requirements and practices for all CHELCO and assisting workforce prior to and during the restoration process.



# Annual Planning

- Plan Review and Updating
- Annual Employee Training
- Contact and contract updates with assisting organizations



## Quote

- Plans are nothing; planning is everything.

Dwight D. Eisenhower





Closing

QUESTIONS?