Gulf Power 2004 -’05
Hurricane Experiences

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Gulf Power Company
Who We Are

- **Miles of Distribution Line**
  - 6,473 of overhead
  - 1,026 of underground
  - Transformers: 139,000
  - Cutouts: 162,000
  - Arresters: 187,000

- **Size of the Company**
  - 7,400 square miles
  - 10 counties
  - 71 towns and communities
  - 249,800 T and D poles at year-end 2005

- Serving: Northwest Florida
- Part of the Southern Company
Gulf Power Company’s Storm Recovery Plan establishes a plan of action to be utilized for the restoration of generation, transmission, and distribution facilities during major disasters. Such disasters are hurricanes, tornadoes, and storms that could cause widespread outages to our customers.
Intangibles
Make the Difference

- Set Realistic Expectations
- Employees on a mission
- Communicate, Communicate, Communicate
- Care — We restore hope
Destruction to overhead lines, Pensacola Beach
2004 – 2005 Hurricane Seasons
What We Experienced

- Damage to our system
  - Transmission
  - Substation
  - Distribution
2004 – 2005 Hurricane Season
What Caused the Damage

- Trees
- Wind
- Storm Surge
- Debris
- Debris Removal vehicles
- Customers
Underground and Under sand
3 Phase Transformer
Destruction to Padmount Transformer including concrete mounting pad, conduit, wiring, and foundation.
Downed Utility Pole with broken Primary and Secondary wiring, broken insulators and cutout, and destroyed transformer. Much of the destruction received to lines and equipment were due to fallen trees.
Foreground: Destroyed Voltage Regular assembly including platform, bypass switches, regulators, and broken poles.
Regulator platform bracing
Regulator platform bracing
Perdido Key
Close up of bracing
What is working well with Storm Restoration?

- Safety
- Proactive communications
- Timeliness of restoration
- Sense of urgency – employee commitment
- Continuous improvements (with practice)
- Decentralized restoration efforts
Wedge clamp service pull off
Damaged and destroyed meters removed from various beach locations.
Thank You

Questions ?