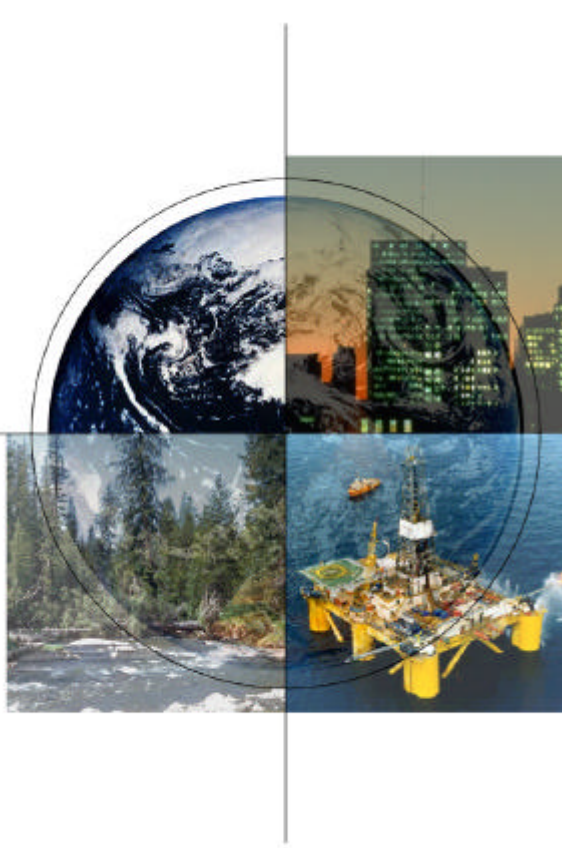


# Hurricane Recovery Monitoring



*INGAA Foundation  
Mid-Year Meeting  
April 2006*

**National Energy Technology Laboratory**



**Office of Fossil Energy**



# The DOE Role

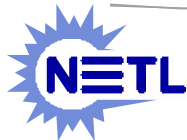
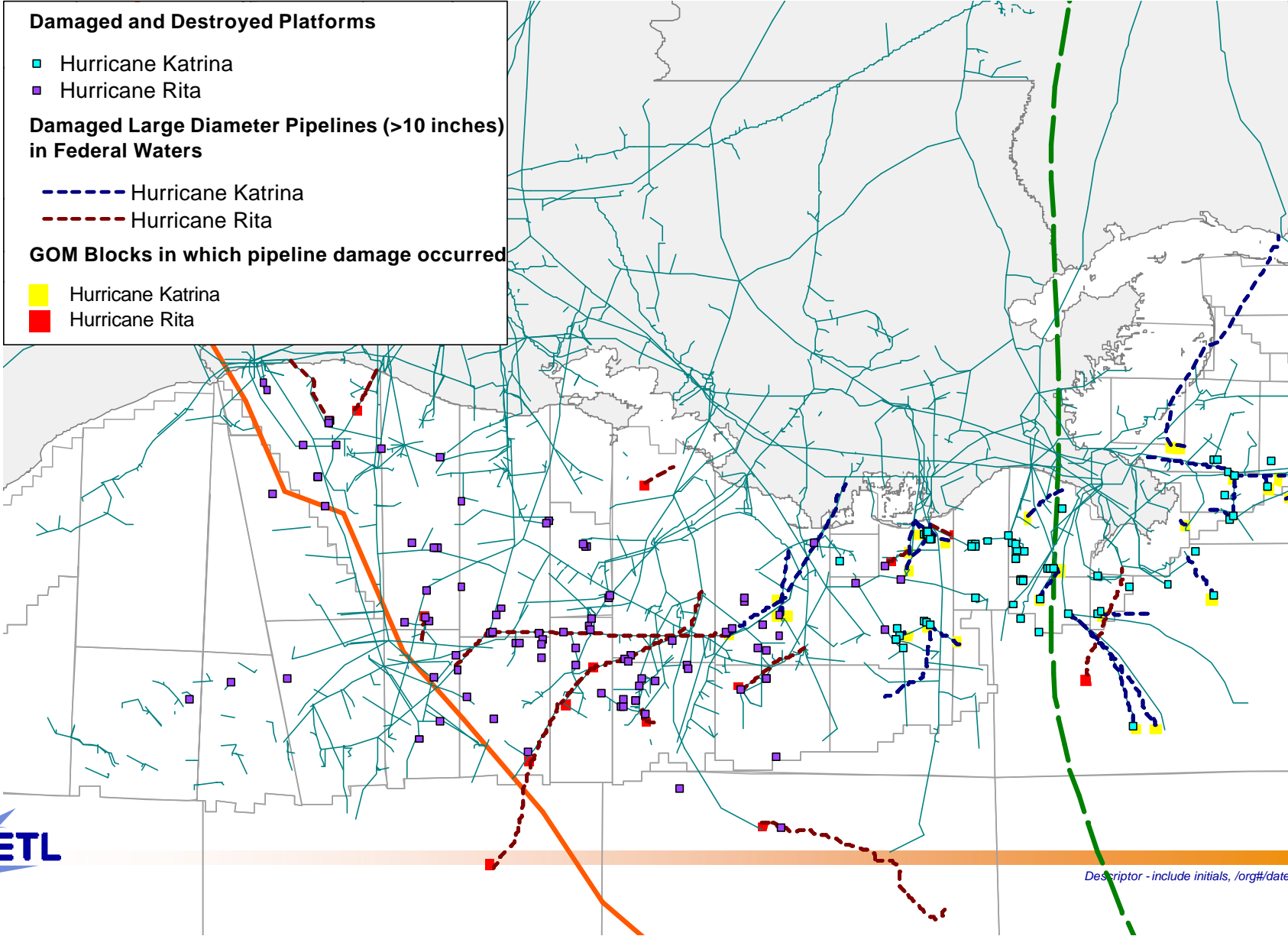
**Authority: Stafford Act (Public Law 93-288, as amended) and as implemented through the Federal Response Plan as directed by the President.**



- Coordinate federal response related to the energy sector.
- Gathering and providing energy-related incident information.
- Conduct or facilitate vulnerability assessments.
- Work with relevant energy sectors to reduce the consequences of catastrophic failures not related to terrorism.

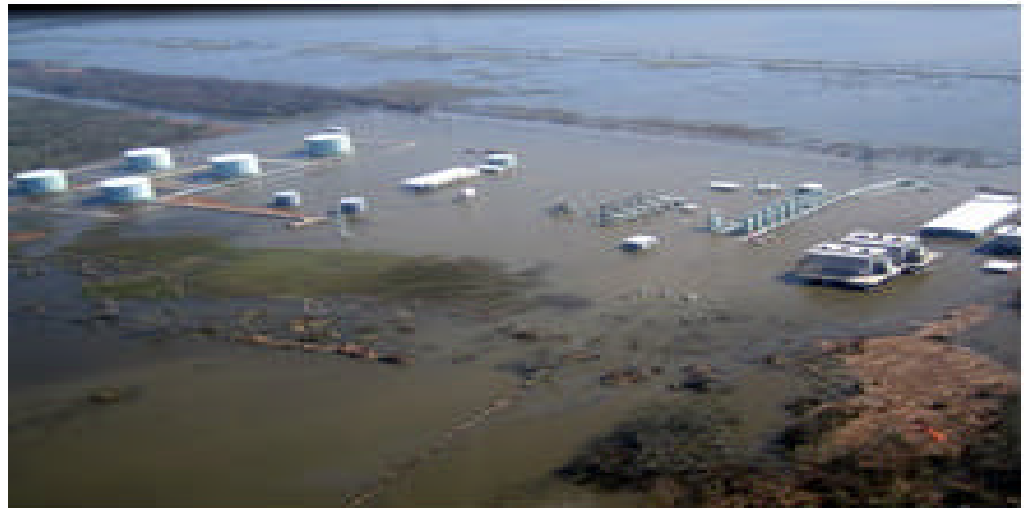


# Hurricane Damage Summary



# Lessons Learned

- **One Stop Shopping.**
  - Speak with a decision maker.
  - Communicate resource availability.
- **Managing Public Expectations.**
- **Understanding of Issues.**
  - Within the industry.
  - Within the impact area.
- **Cascading Impacts.**



# Lessons Learned

“Next to impossible to prepare for the extreme levels of devastation that resulted from the storms.”



- **Human Engineering**
  - Communicating with employees.
  - Supplying basic needs to recovery work crews.
  - Dealing with personal issues.
  - The unexpected.



# Future Event Preparation

- **Production Data**
  - More timely.
  - More Accurate.
- **Pipeline Data**
  - Improved data base.
  - Web based postings.
- **Processing Plant Data**
  - Current data base.
  - Operational data.
- **Communications**
- **Baseline Data**
- **Network Dynamics**
- **Cascading Impacts**
- **Depletion Statistics**
- **GIS / Data Base Links**

