"Meeting with Entergy and Iraq Ministry of Electricity Delegation on Transmission & Distribution Issues"
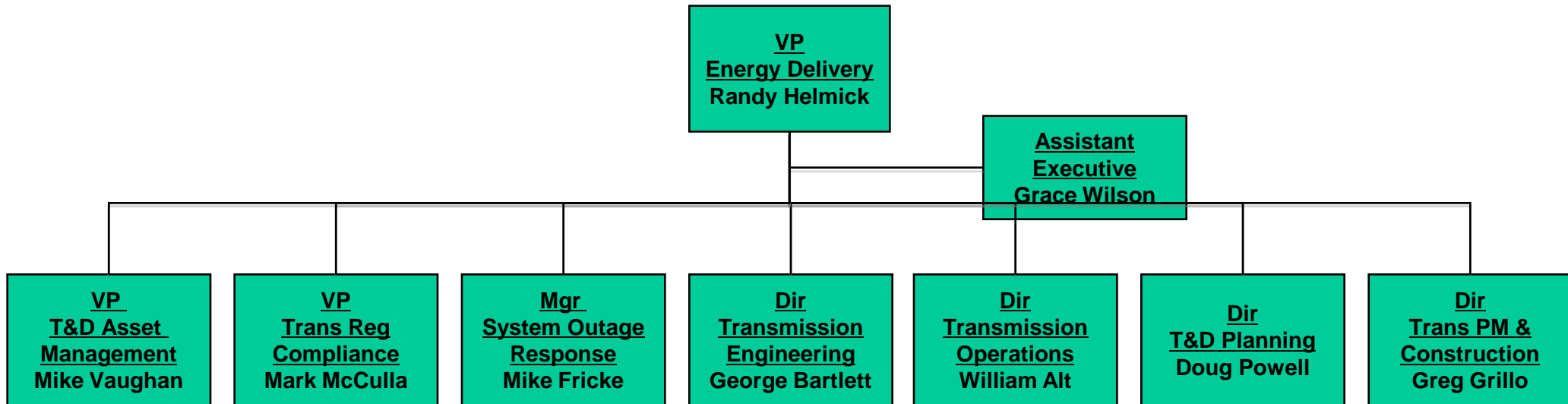
Entergy Corporation
New Orleans, LA
April 19, 2010

Agenda

- **Introductions - All – 9.30 AM(10 mins)**
- **Overview of Entergy System – Sharma Kolluri/George Bartlett – 9.40 AM(20 mins)**
- **Overview of Entergy Transmission System and Operations – George Bartlett – 10 AM(1 hour)**
- **Overview of Entergy Distribution Systems and Operations – Dennis Dawsey – 11 AM(1 hour)**
- **Lunch – 12 NOON(30 mins)**
- **Transmission/Substation Maintenance Issues - Ray Yates – 12.30 PM(30 mins)**
- **General Discussion – ALL -1.00 PM(30 mins)**
- **Visit to Entergy Substation – Ray Yates/Mookie Chander – 1.30PM**
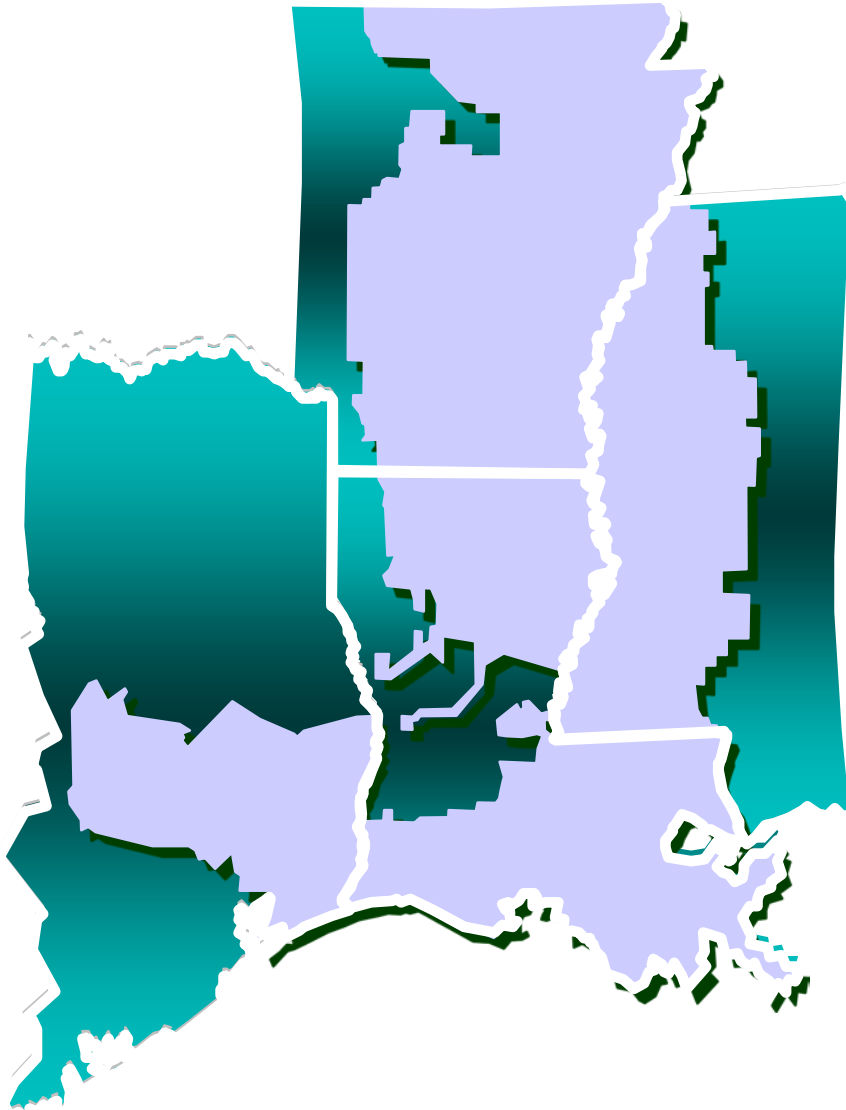- **Drop off atWhitney Bank Hotel, 610 Poydras St.   – 3.30 PM**

Energy Delivery

VP
Energy Delivery
Randy Helmick

Assistant
Executive
Grace Wilson

VP T&D Asset Management Mike Vaughan	VP Trans Reg Compliance Mark McCulla	Mgr System Outage Response Mike Fricke	Dir Transmission Engineering George Bartlett	Dir Transmission Operations William Alt	Dir T&D Planning Doug Powell	Dir Trans PM & Construction Greg Grillo

Entergy Service Territory

- 112,000 mi^2
- 6 regulatory jurisdictions
- Swampy delta to mountainous Ozarks (~550 miles)
- East Louisiana to east Texas (~500 miles)
- Subject to hurricanes, tornadoes, ice storms, blizzards, floods
- Peninsular service areas (*i.e.*, east Texas, south Louisiana)
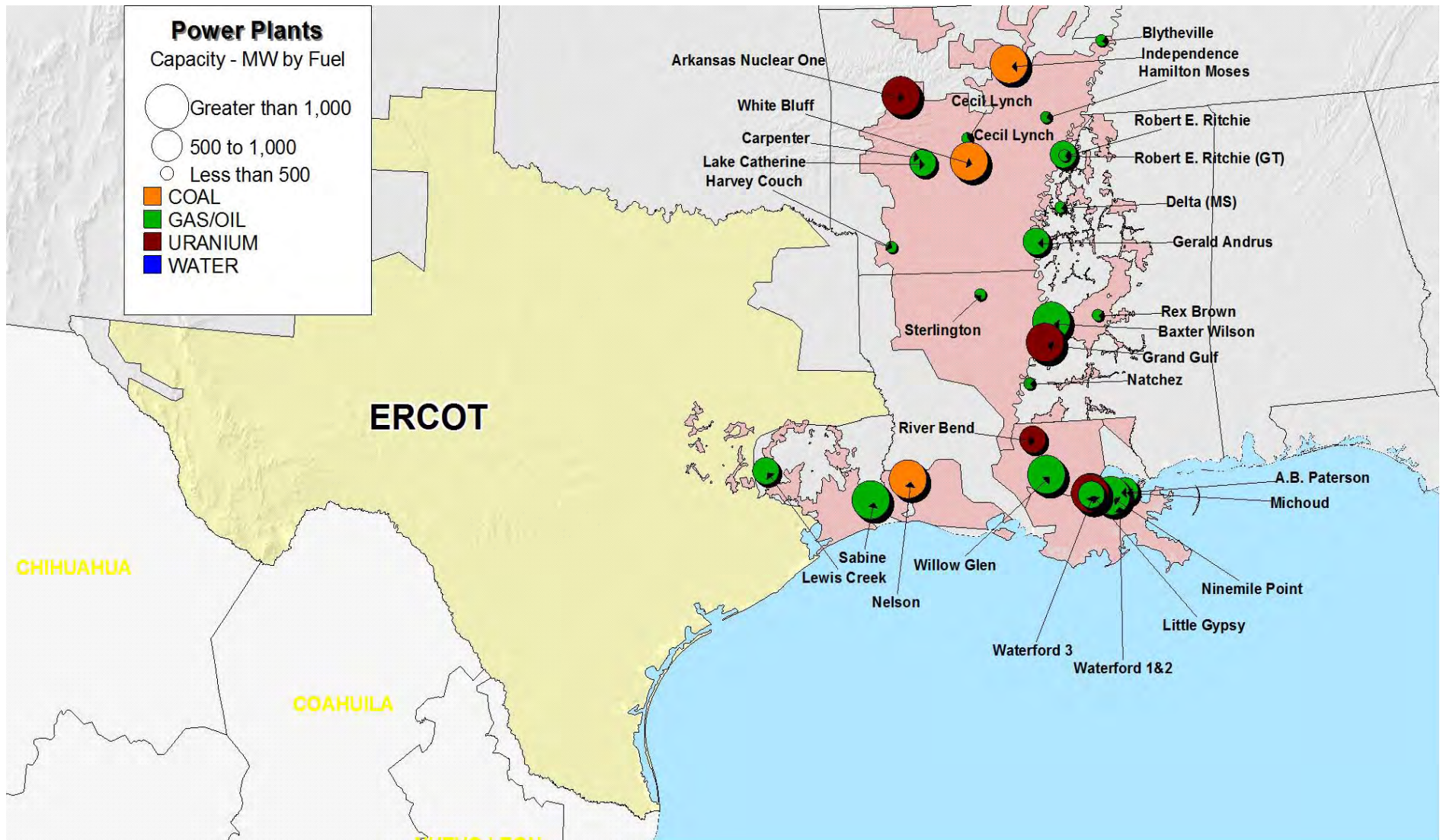
Regulated U. S. Utility Business

- **2.449 Million U. S. Customers**
- **4 States**
  - » **Arkansas**
  - » **Louisiana**
  - » **Mississippi**
  - » **Texas**
- **112,000 sq. miles**
- **43 Transmission Service Customers**

Entergy's System

- Over 15,000 miles of transmission lines in four states
- 1,550 substations
- 36,000 MW of connected generation
  - 24,000 MW Entergy-owned
  - 12,000 MW merchant-owned
- 28,000 MW of load
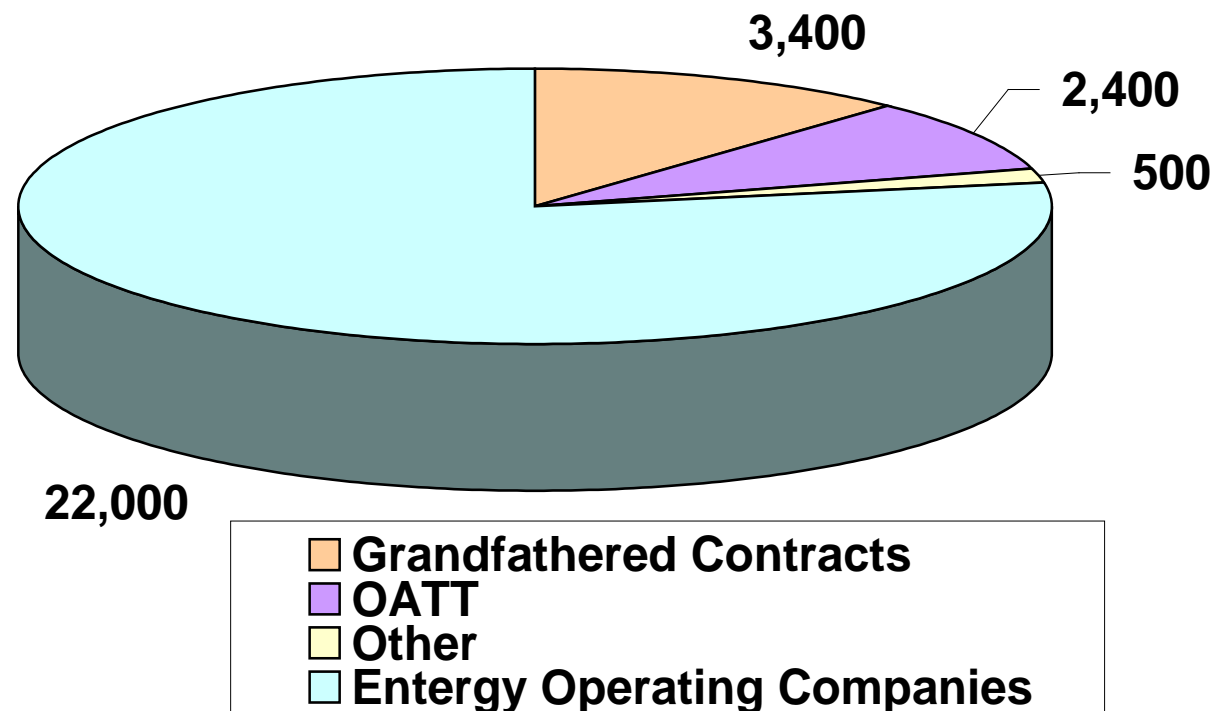
Entergy Plants
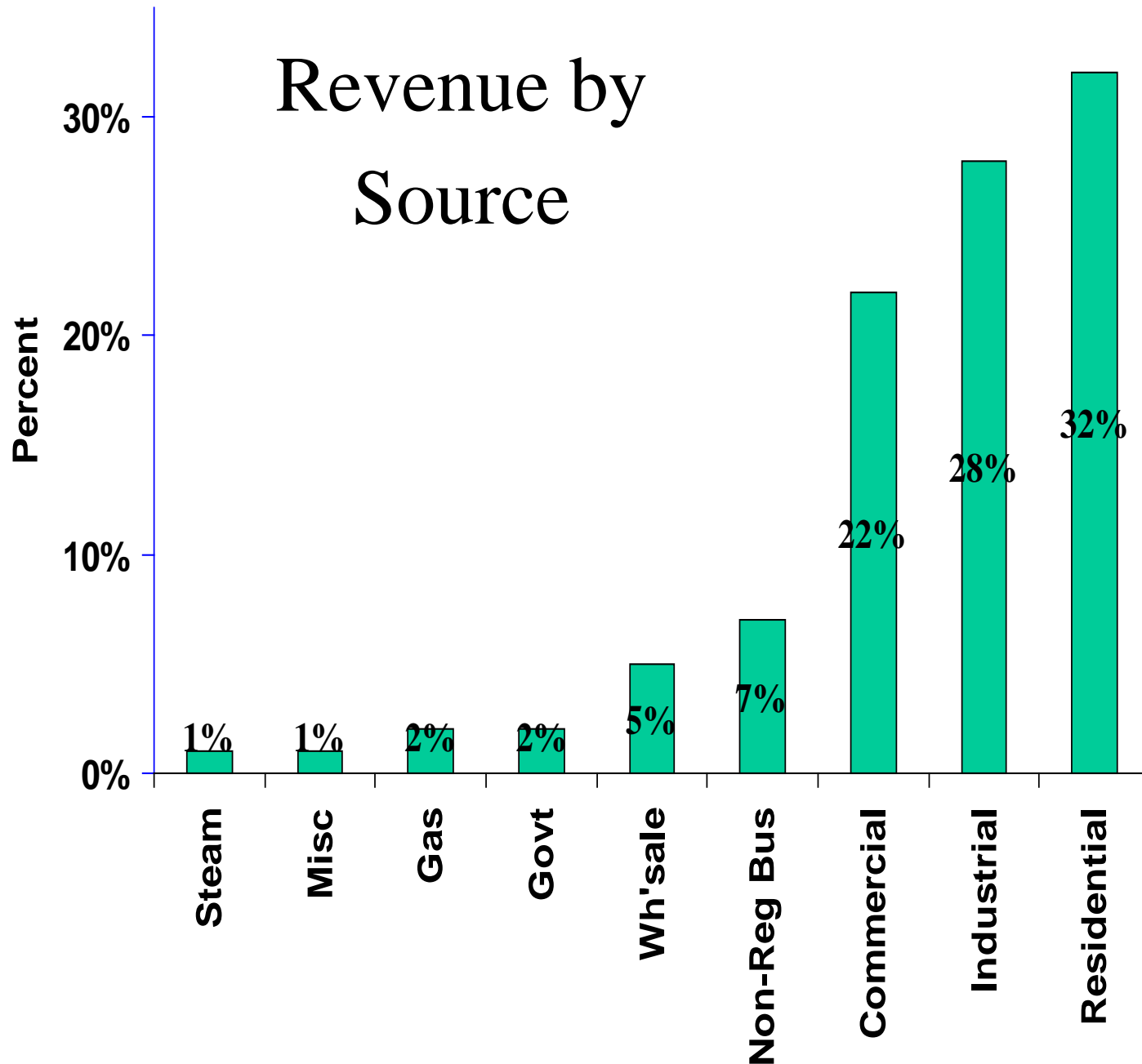
Load Within the Entergy Control Area

Entergy Operating Companies: ~22,000MW
Transmission Dependent Customers
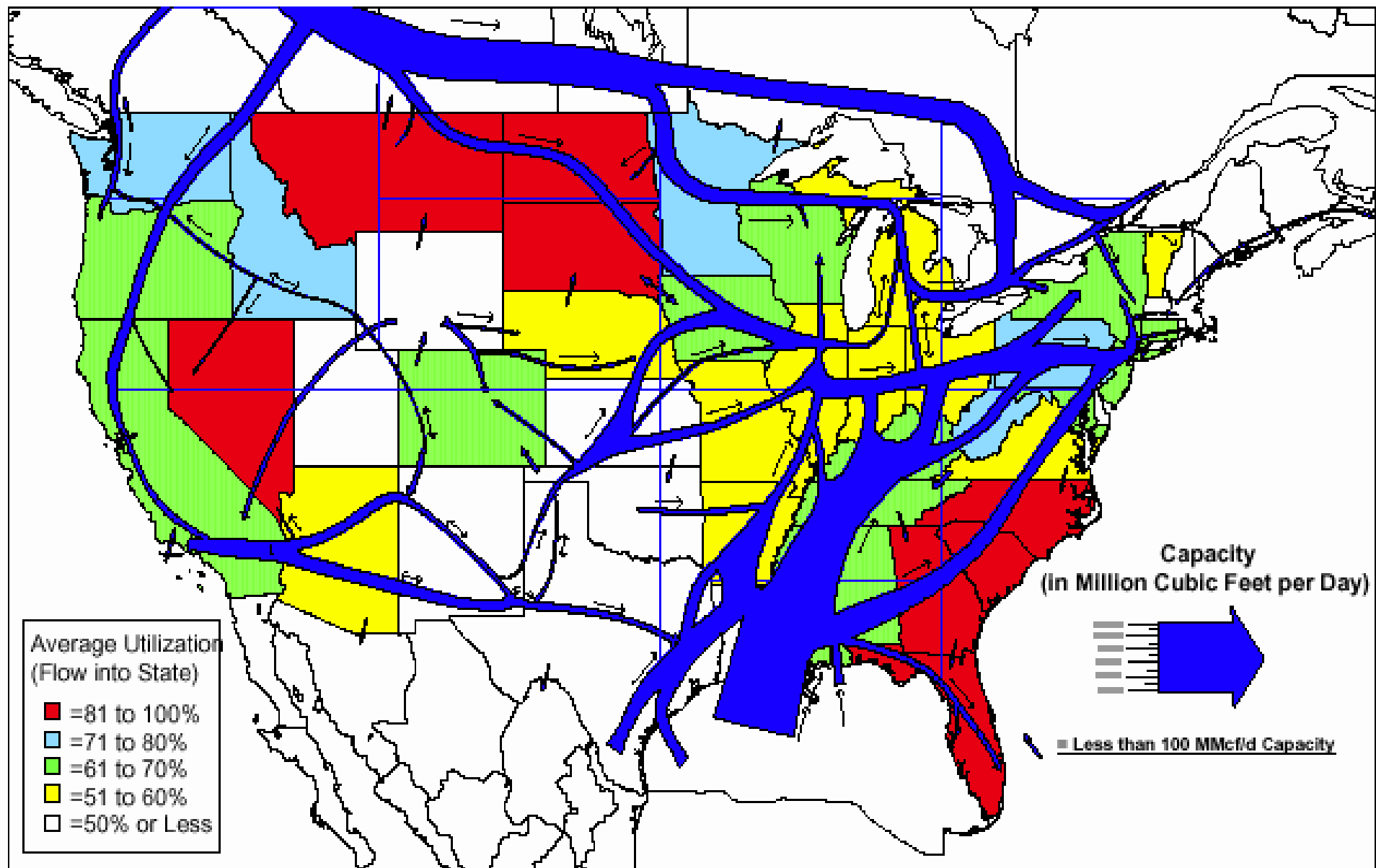- 7 with "grandfathered" contracts: 3,400MW
- 5 with network service agreements under OATT: 2,400MW
- 15 with other transmission contracts: 500MW

Legend:
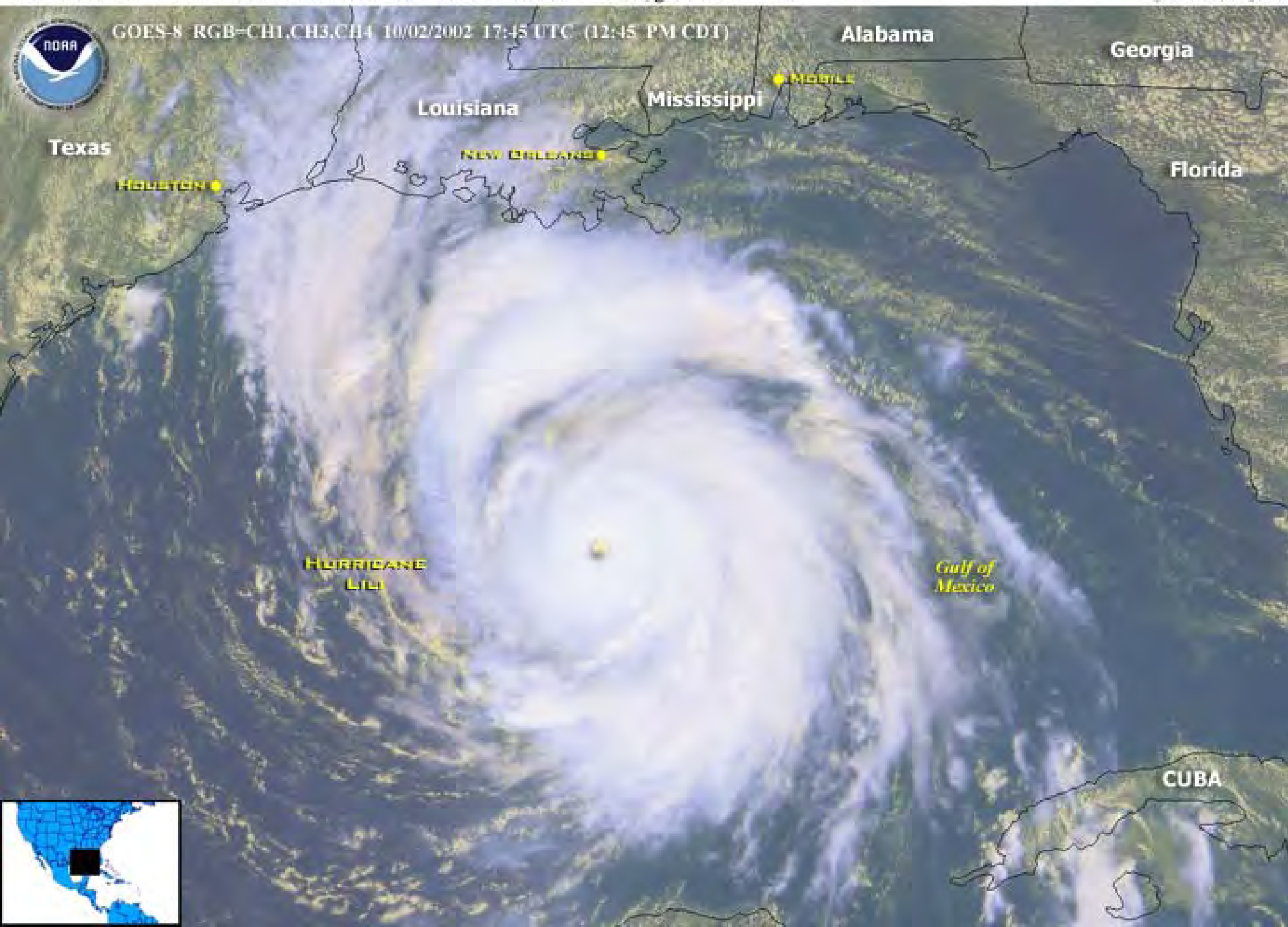- Grandfathered Contracts
- OATT
- Other
- Entergy Operating Companies

Customer Base

Revenue by
Source

Percent

30%
20%
10%
0%

Steam 1%
Misc 1%
Gas 2%
Govt 2%
Wh'sale 5%
Non-Reg Bus 7%
Commercial 22%
Industrial 28%
Residential 32%

U.S. Natural Gas Pipeline Transportation Corridors and Average Interstate Pipeline Utilization Rates by State, 1999

Capacity
(in Million Cubic Feet per Day)

Less than 100 MMcf/d Capacity

Average Utilization
(Flow into State)

- =81 to 100%
- =71 to 80%
- =61 to 70%
- =51 to 60%
- =50% or Less

Source: Energy Information Administration

Hurricane Lili was located over the Gulf of Mexico near 25.3N 89.4W at 18:00 UTC. Lili has been moving northwestward at 13 knots with maximum sustained winds estimated at 115 knots, gusts to 140 knots.

CREDIT: NOAA

GOES-8 RGB=CH1,CH3,CH4 10/02/2002 17:45 UTC (12:45 PM CDT)

Alabama
Georgia
MOBILE
Mississippi
Louisiana
NEW ORLEANS
Texas
Florida
HOUSTON
HURRICANE LILI
Gulf of Mexico
CUBA

Questions?