

Regulated Utility Operations



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Objectives

- Entergy Facts
- Pipelines in Entergy Service Area
- Transmission System
- Transmission System Reliability
- Universal Recognition of Entergy's Restoration Expertise
- Pipeline Initiative

Operations Information

from entergy.com



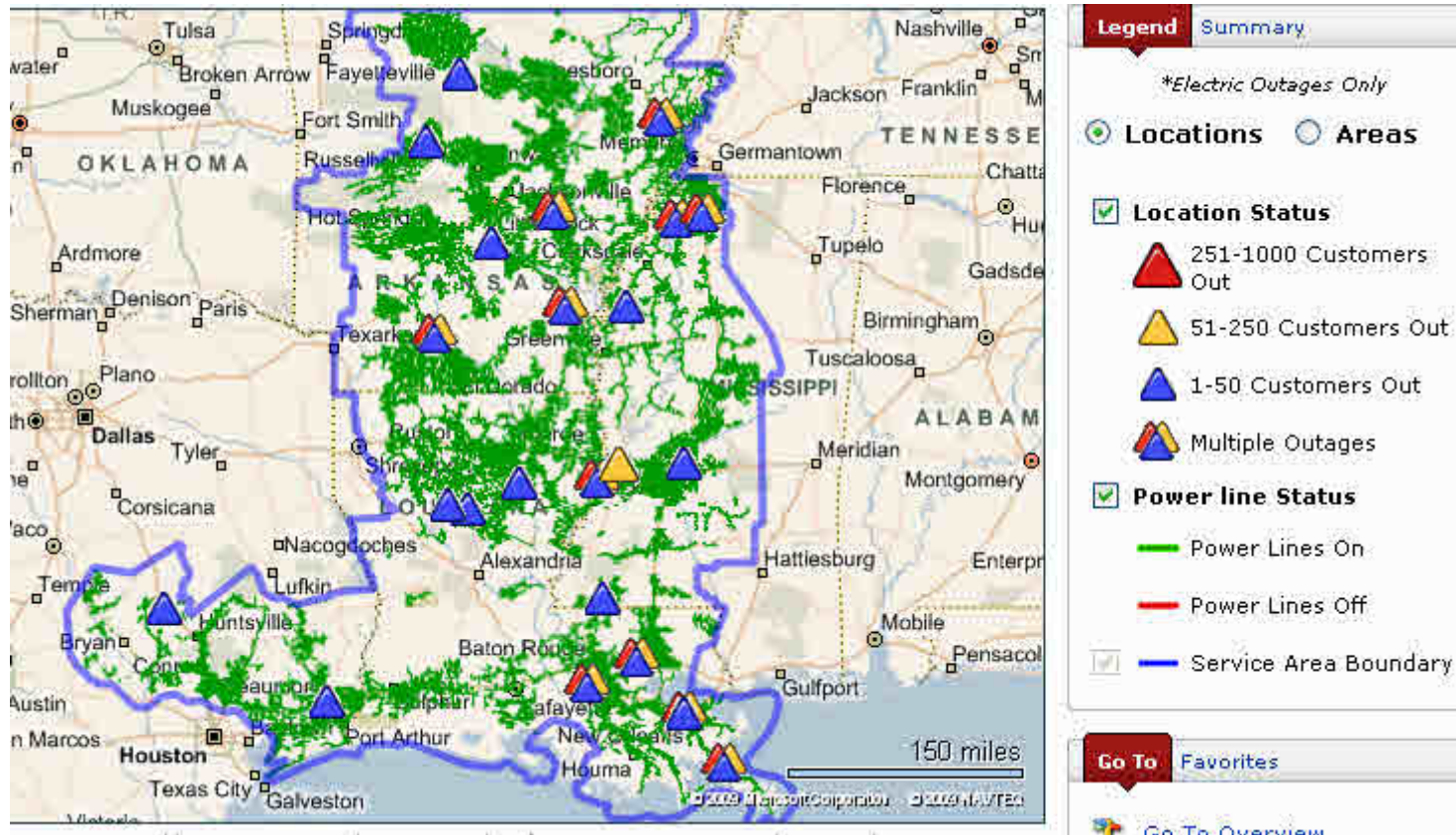
Entergy operates more than 40 plants using natural gas, nuclear, coal, oil and hydroelectric power with approximately 30,000 megawatts of electric generating capacity. Entergy provides electricity to 2.7 million [utility](#) customers in Arkansas, Louisiana, Mississippi and Texas.

15,500 miles of interconnected lines in a 112,000 square-mile area.

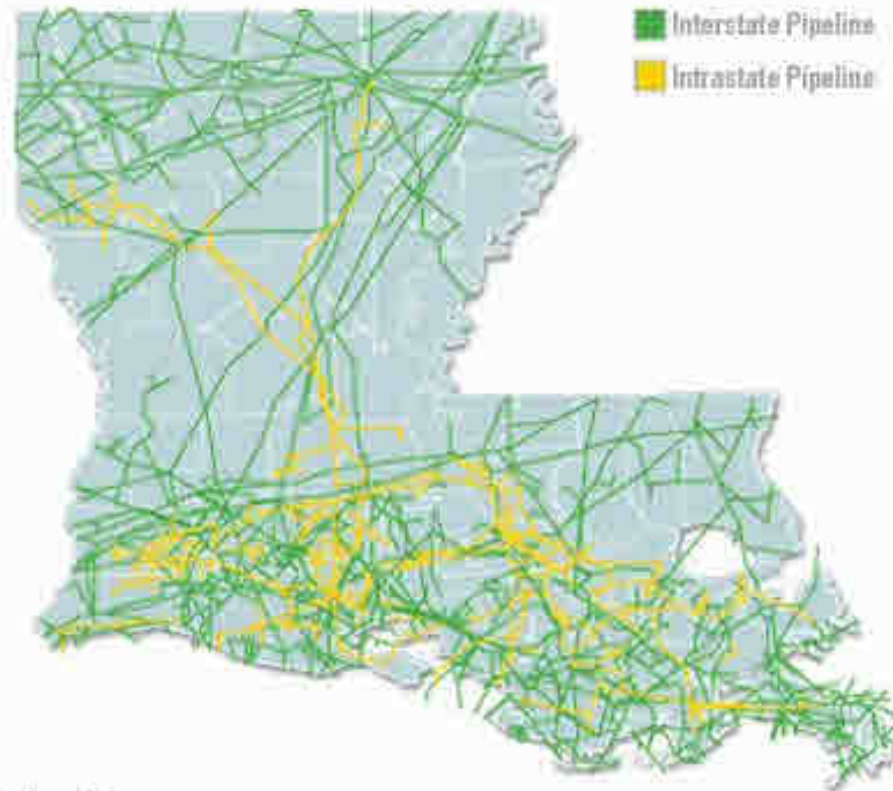
The company's [transmission](#) system moves about 23,000 megawatts of power across more than

Entergy owns [11 nuclear reactors](#) and manages another reactor in Nebraska.

Entergy Service area – from entergy.com outage maps



LOUISIANA'S 74,000 MILES OF PIPELINE



Note: Distribution Lines Only

Sources: Louisiana Department of Natural Resources Pipeline/Safety Division and
U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration

Top 30
Interstate
Pipelines from
EIA 2008 data

13 pipeline
systems are
located in
Entergy's
service area

	Pipeline Name	System Capacity (MMcf/d) 2	System Mileage
1	Columbia Gas Transmission Co.	9350	10365
2	Transcontinental Gas Pipeline Co.	8466	10450
3	Northern Natural Gas Co.	7442	15874
4	Texas Eastern Transmission Corp.	7332	9212
5	ANR Pipeline Co.	7129	10600
6	Tennessee Gas Pipeline Co.	6686	14463
7	Dominion Transmission Co.	6655	3505
8	Gulf South Pipeline Co.	6260	6886
9	El Paso Natural Gas Co.	6182	10302
10	Centerpoint Gas Transmission Co.	5385	6374
11	Northwest Pipeline Corp.	4950	3880
12	Natural Gas Pipeline Co. of America	4848	9306
13	Colorado Interstate Gas Co.	4099	4143
14	Texas Gas Transmission Corp.	4065	5671
15	Southern Natural Gas Co.	3967	7635
16	Algonquin Gas Transmission Co.	3347	1128
17	Questar Pipeline Co.	3192	1858
18	Trunkline Gas Co.	3025	4202
19	Great Lakes Gas Transmission Co.	2958	2115
20	Panhandle Eastern Pipeline Co.	2840	6445
21	Southern Star Central Pipeline Co.	2801	5803
22	Wyoming Interstate Gas Co.	2736	848
23	Gas Transmission Northwest Corp.	2636	1356
24	Northern Border Pipeline Co.	2626	1400
25	Transwestern Gas Co.	2439	2387
26	Columbia Gulf Transmission Co.	2386	4124
27	National Fuel Gas Supply Co.	2312	1481
28	Florida Gas Transmission Co.	2217	4889
29	Alliance Pipeline Co. (US)	2053	888
30	Kern River Gas Transmission Co.	1833	1680
	Sub-total	132217	169270
	Other Interstate Systems	50673	48036
	Total	182890	217306
13			



Reliability of Transmission System

- System is part of SERC – Southeastern Electric Reliability Council
- Complies with all FERC/NERC regulations
- Hurricane restoration process
- Entergy is the only Utility to win EEI's Emergency Awards in every year since the awards were established.
 - 4 Response Awards
 - 9 Assistance Awards
 - Both awards in 2006 and 2009



Entergy Restoration Awards

Year	Edison Electric Institute (EEI) Restoration Award(s)
2009	Emergency Response Award , Hurricanes Gustav and Ike Emergency Assistance Award , Public Service of Oklahoma, ice storm AEP Texas Hurricane Dolly
2008	Emergency Assistance Award , Public Service of Oklahoma, after severe winter ice storms
2007	Emergency Assistance Award , Ameren, back-to-back severe Midwestern thunderstorms
2006	Emergency Response Award , Tropical Storm Cindy, and Hurricanes Katrina and Rita Emergency Assistance Award , Florida Power & Light, Hurricane Wilma
2005	Emergency Assistance Award , numerous Florida-based utilities, Hurricanes Charley, Frances, Ivan and Jeanne
2004	Emergency Assistance Award , Dominion Virginia and Baltimore Gas & Electric, Hurricane Isabel
2003	Emergency Assistance Award , Kansas City Power & Light and Oklahoma Gas & Light, ice storm
2002	Emergency Response Award , after Entergy's 2000 ice storms
2001	Emergency Assistance Award , Florida Power & Light, Hurricane Irene
2000	Emergency Assistance Award , Florida Power & Light, Hurricane Floyd
1999	Emergency Response Award , Hurricane Georges



Interstate Natural Gas Pipelines

- Many major Interstate Natural Gas Pipeline Companies with facilities traverse Entergy's service territory
- Changing environmental regulations and fuel prices may lead to new ways to view business
- Where sites are mutually feasible, compressor or storage station in proximity of available transmission/distribution facilities – electric drives may be a consideration



Electric Drive Considerations

- Environmental Permitting
- Maintenance Costs
- Fuel Pricing & Efficiency
- Control & Flexibility



Entergy's Pipeline Initiative

- Communicate often and early
 - New construction
 - Replacing existing equipment
 - Expanding existing sites
- Key Communications:
 - Projected in-service-date
 - Site location and flexibility
 - Energy needs / load profile
 - Motor size and type
- Account Management Team



We appreciate your business!