



Tennessee Gas Pipeline  
Company, L.L.C.  
a Kinder Morgan company

**Welcome to the**

**MISSISSIPPI  
CROSSING  
PROJECT**

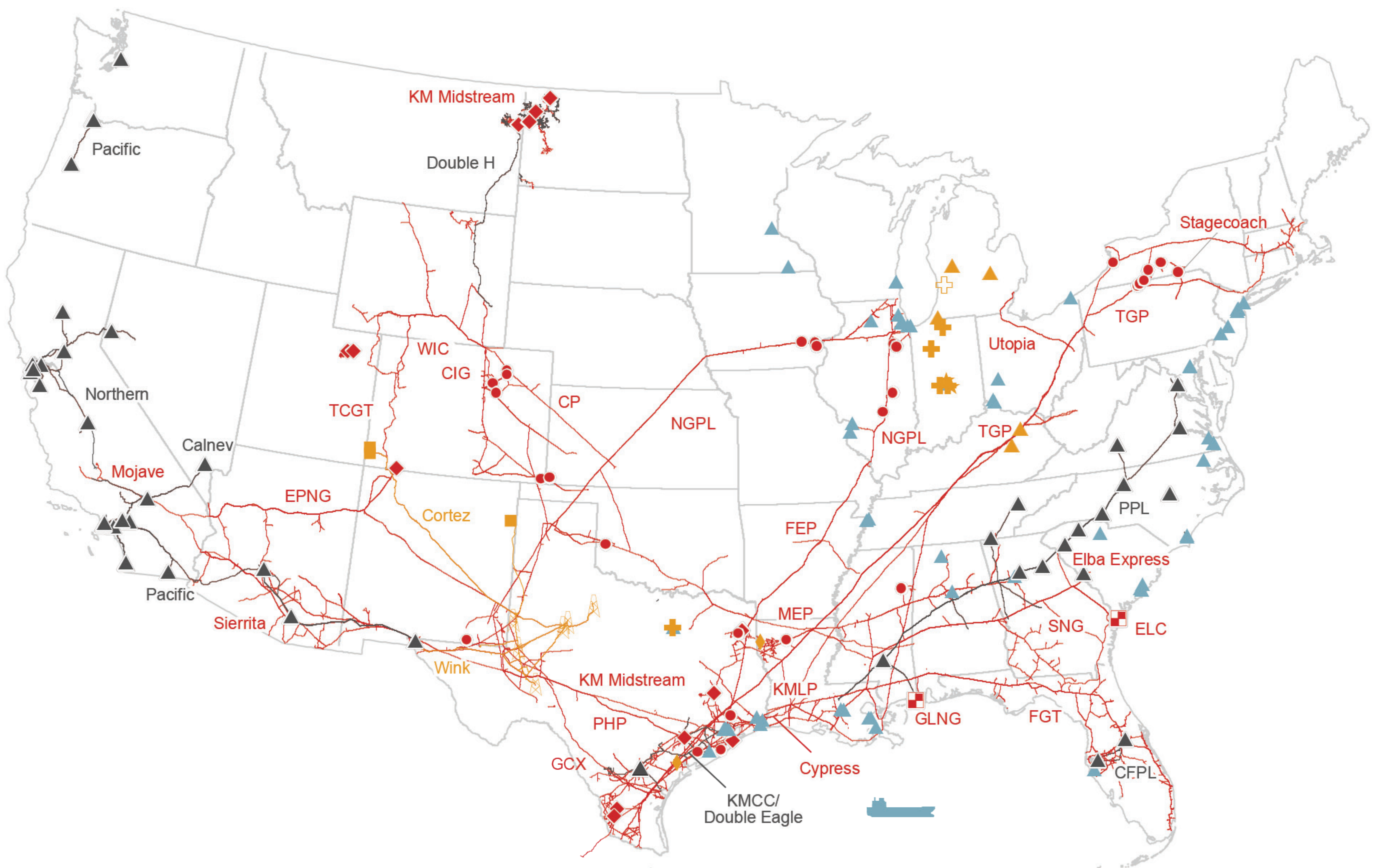
**Open House**



# Mississippi Crossing Project

## About Kinder Morgan

- Kinder Morgan is one of the largest energy infrastructure companies in North America. We own an interest in or operate approximately 79,000 miles of pipelines and 139 terminals.
- Kinder Morgan provides energy transportation and storage services in a safe, efficient and environmentally responsible manner for the benefit of people, communities and businesses.
- Kinder Morgan's pipelines transport natural gas, gasoline, crude oil, carbon dioxide (CO<sub>2</sub>) and more.
- Kinder Morgan terminals store and handle renewable fuels, petroleum products, chemicals, vegetable oils and other products.
- Kinder Morgan is committed to being a good corporate citizen and conducting ourselves in an ethical and responsible manner. We are committed to public safety, protecting the environment and operating our facilities in compliance with industry rules and regulations.
- Approximately 40% of the natural gas consumed in the U.S. is transported through our pipelines.

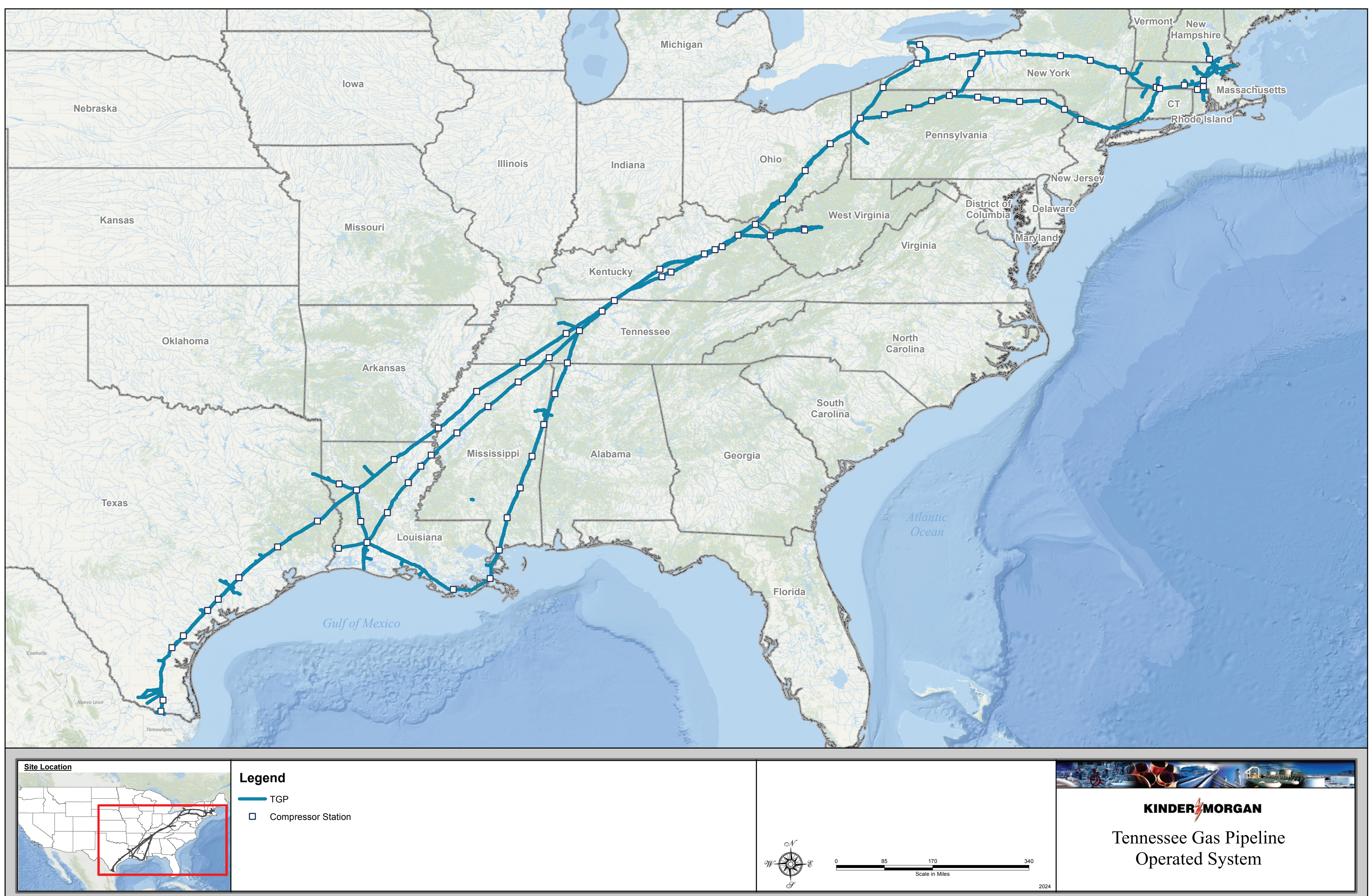




# Mississippi Crossing Project

## About Tennessee Gas Pipeline

- Tennessee Gas Pipeline Company, L.L.C. (TGP), is one of the largest interstate natural gas pipeline systems in the United States. It transports natural gas from production basins in the Midwest, South, Northeastern and Northcentral United States across 15 states to markets throughout the country.
- The TGP system consists of ~11,760 miles of pipelines, 83 compressor stations, and ~80 billion cubic feet (Bcf) of natural gas storage capacity.
- TGP has a transportation capacity of ~12.1 Bcf/day.





# Mississippi Crossing Project

## Project Overview

### **Purpose:**

Tennessee Gas Pipeline Company, L.L.C. (TGP), a Kinder Morgan company, is developing its Mississippi Crossing Project (Project) to address increasing natural gas demand in the Southeast market driven by growth in power generation, and traditional residential and commercial natural gas demand. The Project will connect existing TGP assets and third-party pipelines that, in combination, will provide critical supply access to multiple, diverse and abundant supply basins.

### **Scope:**

The Project includes the construction of approximately 178 miles of 42-inch diameter pipeline, 22 miles of 36-inch diameter pipeline, 6 miles of 36-inch diameter pipeline lateral, and associated compression, meter and related facilities. The approximately \$1.6 billion Project is expected to create approximately 750 temporary construction jobs as well as 15 permanent jobs. Workers would rely upon local businesses, housing, and support services during the construction period, providing economic opportunities and benefits to the communities where the Project will be constructed.

### **Location:**

The Project's proposed route will cross Humphreys, Sunflower, Washington, Attala, Holmes, Clarke, Leake, Newton, Lauderdale and Neshoba counties in Mississippi as well as Choctaw County in Alabama.

### **Lead Certifying Agency:**

The Federal Energy Regulatory Commission (FERC).

In addition to the FERC, multiple federal, state, and local agencies will be involved in the review, approval, and oversight of the Project, including, but not limited to the U.S. Fish and Wildlife Service, National Park Service, the Mississippi Department of Environmental Quality, and the Alabama Department of Environmental Management.



# Mississippi Crossing Project

## Key Dates

Action	Timing
Agency and Stakeholder Meetings	Ongoing
FERC Pre-Filing Initiation	4th Quarter 2024
File Certificate Application with FERC and other Permit Applications	Late 2nd Quarter 2025
Begin Construction	Expected 4th Quarter 2027
Proposed In-Service Date	4th Quarter 2028





# Mississippi Crossing Project

## Environmental Considerations

### Pre-Construction:

- Develop a route that minimizes environmental impact by following existing utility transmission corridors where possible.
- Conduct field surveys to identify and help protect sensitive resources including:
  - Threatened and endangered species
  - Wetlands and waterbodies
  - Cultural resources
- Obtain all necessary federal, state and local environmental permits.

### During Construction:

- Utilize environmental inspectors throughout construction to ensure compliance with all necessary permits.
- Use best management practices throughout construction, including:
  - Topsoil segregation and replacement
  - Temporary and permanent erosion control

### Restoration:

- Restore all areas disturbed by construction activities as close as practicable to pre-construction conditions.
- Seed and re-vegetate in accordance with landowner and agency requirements and permits.
- Monitor the restoration and reclamation process per agency requirements and permits.





# Mississippi Crossing Project

## Pipeline Construction Process



### 1. Clearing & Grading

After the right-of-way (ROW) is carefully surveyed and staked, the ROW is graded. Top soil is carefully removed and segregated.



### 6. Inspection & Coating

For quality assurance, technicians inspect the pipe coating prior to installation and inspect all welds using ultrasound equipment. Each weld is then coated by a coating head.



### 2. Trenching

A wheel ditcher or backhoe digs the trench for the pipeline. The bottom of the trench is then padded with sand to cushion the pipe.



### 7. Pipe Lowering

Sidebooms move together to gently lower the welded pipeline into the trench.



### 3. Stringing Pipe

Each piece of pipe is laid on the ROW to ensure proper positioning prior to bending, welding and installation.



### 8. Padding & Backfill

The pipe trench is backfilled and graded.



### 4. Field Bending Pipe

The pipe is bent, as needed, to accommodate elevation and horizontal changes.



### 9. Hydrostatic Testing

The pipeline is filled with water and pressurized to ensure the pipe's integrity and that it is fit for service.



### 5. Welding

The construction crew welds each section of pipe together into one continuous length.



### 10. Restoration

The pipe trench and land within the ROW are contoured and revegetated. The landowner may continue using the ROW for most purposes after restoration.





# Mississippi Crossing Project

## FERC Information

The Federal Energy Regulatory Commission, or FERC, is an independent agency that regulates the interstate transmission of electricity, natural gas and oil.

As part of its responsibilities, FERC:

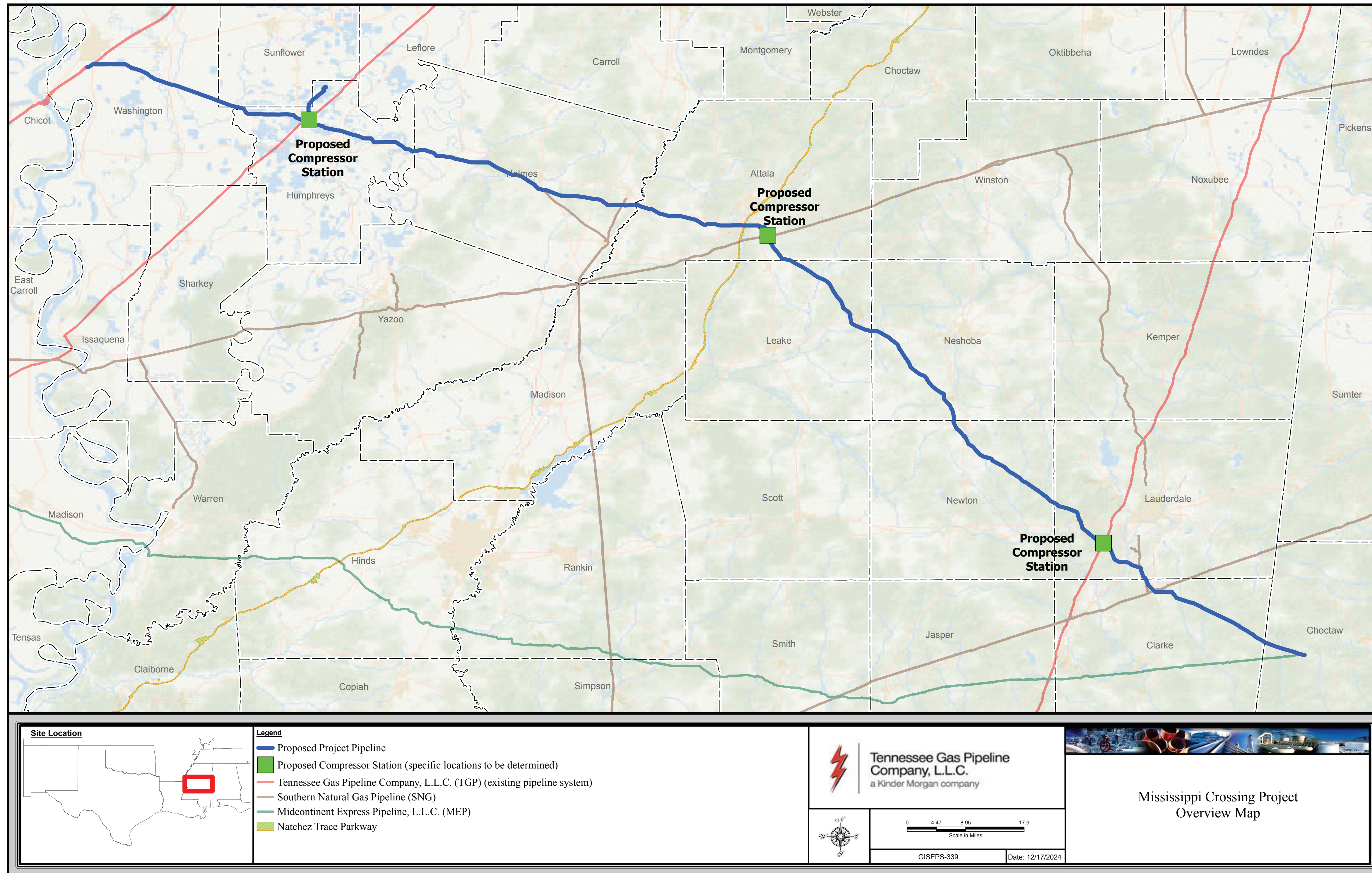
- Regulates the transmission and wholesale sales of electricity in interstate commerce;
- Reviews certain mergers and acquisitions and corporate transactions by electric companies;
- Regulates the transmission and sale of natural gas for resale in interstate commerce;
- Regulates the transportation of oil by pipeline in interstate commerce;
- Approves the siting and abandonment of interstate natural gas pipelines and storage facilities;
- Reviews the siting application for electric transmission projects under limited circumstances;
- Ensures the safe operation and reliability of proposed and operating LNG terminals;
- Licenses and inspects private, municipal and state hydroelectric projects;
- Protects the reliability of the high voltage interstate transmission system through mandatory reliability standards;
- Monitors and investigates energy markets;
- Enforces FERC regulatory requirements through imposition of civil penalties and other means;
- Oversees environmental matters related to natural gas and hydroelectric projects and other matters; and
- Administers accounting and financial reporting regulations and conduct of regulated companies.



**FERC Filing Docket # for Mississippi Crossing Project: PF25-2-000**



# Mississippi Crossing Project Map





# Mississippi Crossing Project

## Kinder Morgan in Alabama

### Assets:

- Kinder Morgan operates ~3,000 miles of pipelines, three terminals and one Corporate Office in Alabama.
- Kinder Morgan owns and/or operates assets in 41 different counties throughout Alabama.

### • Pipeline Systems:

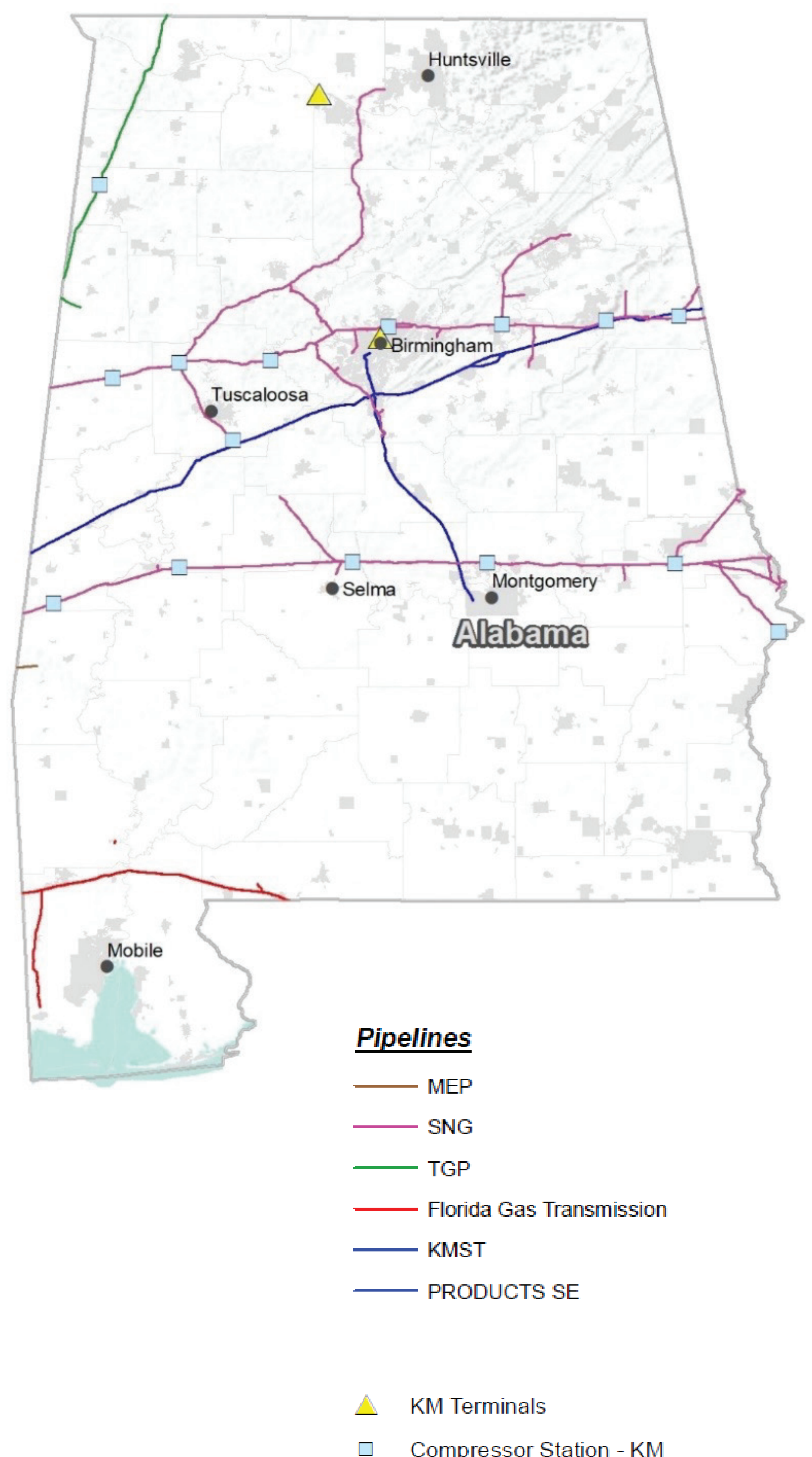
- Tennessee Gas Pipeline (TGP)
- Southern Natural Gas (SNG)
- Florida Gas Transmission (FGT)
- Midcontinent Express Pipeline (MEP)
- Products (SE) Pipe Line

### • Terminals:

- Birmingham Terminal
- Birmingham Bulk Terminal
- Decatur Terminal

### Economic Impact:

- Kinder Morgan employs over 305 people and maintains a payroll of ~\$34 million in Alabama.
- Kinder Morgan pays approximately \$4.3 million annually to state and local taxing bodies in Alabama.





# Mississippi Crossing Project

## Kinder Morgan in Mississippi

### Assets:

- Kinder Morgan operates over 13,500 miles of pipelines and two terminals in Mississippi.
- Kinder Morgan owns and/or operates assets in 58 different counties throughout Mississippi.

### • Pipeline Systems:

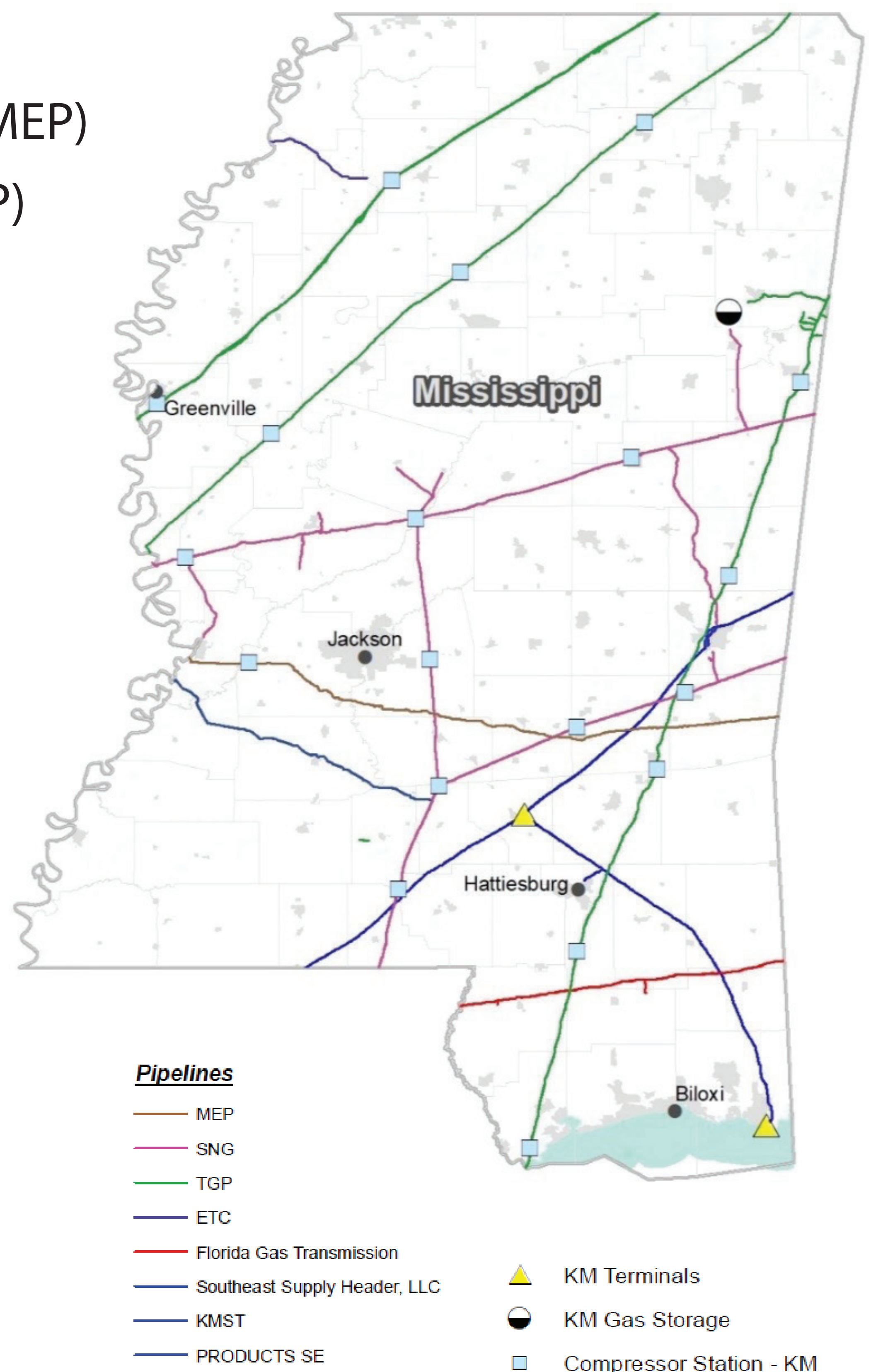
- Tennessee Gas Pipeline (TGP)
- Midcontinent Express Pipeline (MEP)
- Fayetteville Express Pipeline (FEP)
- Southern Natural Gas (SNG)
- Products (SE) Pipe Line Corporation (PPL)
- Florida Gas Transmission (FGT)
- Southern Natural Gas (SNG)

### • Terminals:

- Gulf LNG Terminal
- Collins Terminal

### Economic Impact:

- Kinder Morgan employs over 235 people and maintains a payroll of ~\$20 million in Mississippi.
- Kinder Morgan pays approximately \$38 million annually to state and local taxing bodies in Mississippi.





# MISSISSIPPI CROSSING PROJECT

## Land/ Right-of-Way





# MISSISSIPPI CROSSING PROJECT

## Federal Energy Regulatory Commission

