



Southern Natural Gas  
Company, L.L.C.  
a Kinder Morgan operated company



Elba Express  
Company, L.L.C.  
a Kinder Morgan company

# Welcome to the

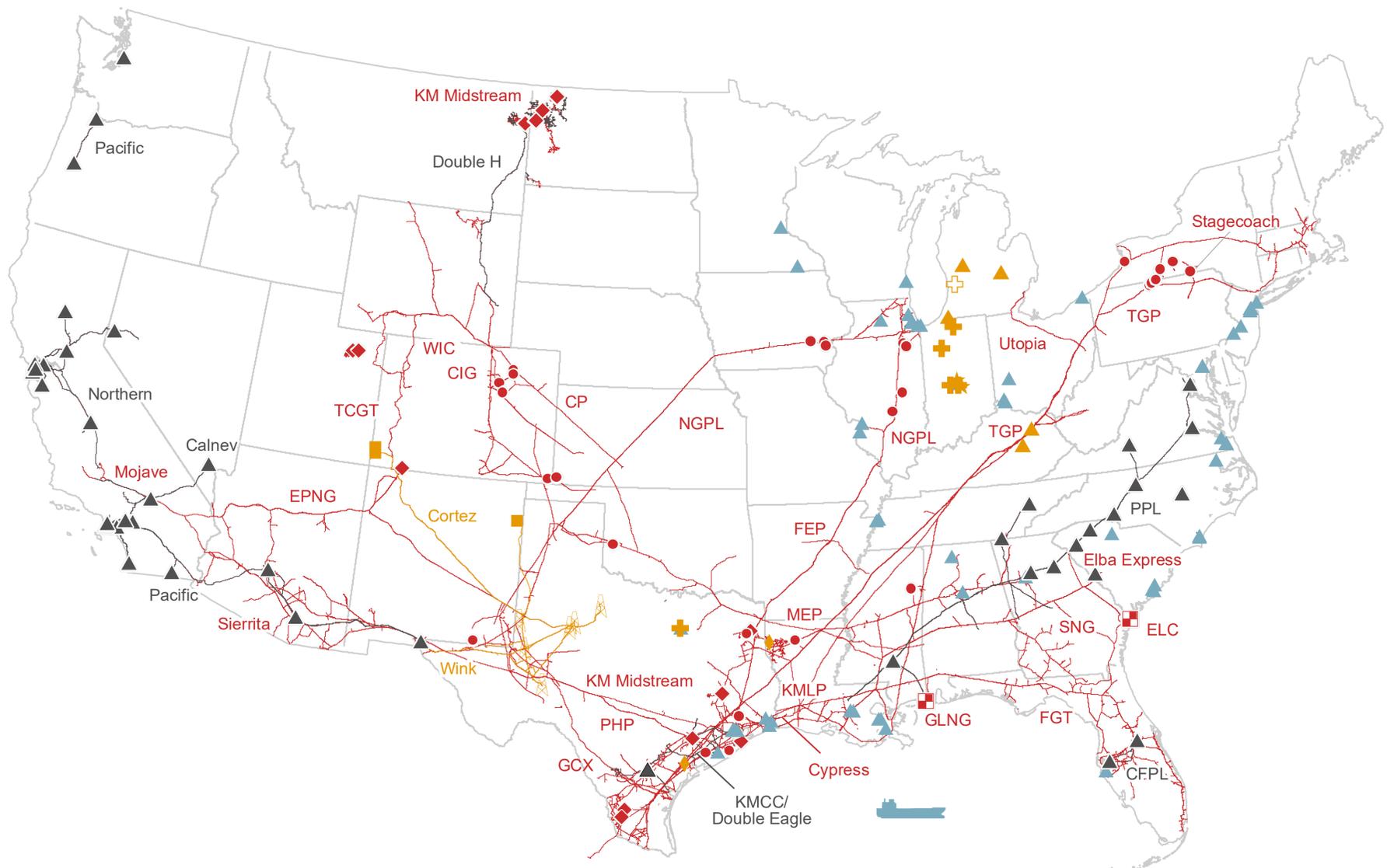
# **SOUTH SYSTEM EXPANSION 4 PROJECT**

# **Open House**

# SSE4 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.



# SSE4 Project

## Project Overview

### Purpose:

The South System Expansion 4 (SSE4) project is being developed by Southern Natural Gas Company (SNG), a Delaware limited liability company equally owned by subsidiaries of Kinder Morgan and Southern Company, and by Elba Express Company, a Kinder Morgan subsidiary.

### Scope:

- The SSE4 project will provide up to 1.3 billion cubic feet per day (Bcf/d) of additional firm natural gas capacity across the SNG south mainline facilities from receipt points as far west as Clarke County, Mississippi to various points in Alabama, Georgia, and South Carolina.
- The project is estimated to cost approximately \$3.0 billion.
- The project includes almost entirely brownfield looping and compression additions across approximately 279 miles of existing assets. The looping will mainly consist of 42", 36", and 30" pipelines.
- Several federal and state regulatory agencies will review and have oversight of the project, including the Federal Energy Regulatory Commission (FERC), U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service, Mississippi Department of Environmental Quality, Alabama Department of Environmental Management, and the Georgia Department of Natural Resources.
- FERC has assigned Docket No. PF25-1-000.

# SSE4 Project

## About Pipeline

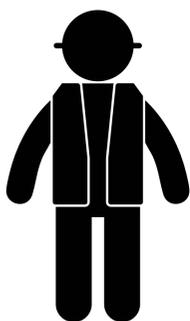
### Project Benefits:



The project is a market driven response to increased demand for transportation of natural gas to delivery points on SNG's system, ultimately serving increased residential demand, commercial demand, potential industrial load and electric generation fueled by natural gas. The project will provide critical reliability to the Southeastern energy grid.



The SSE4 project will optimize the use of existing infrastructure to provide sustainable growth and maximize asset utilization.

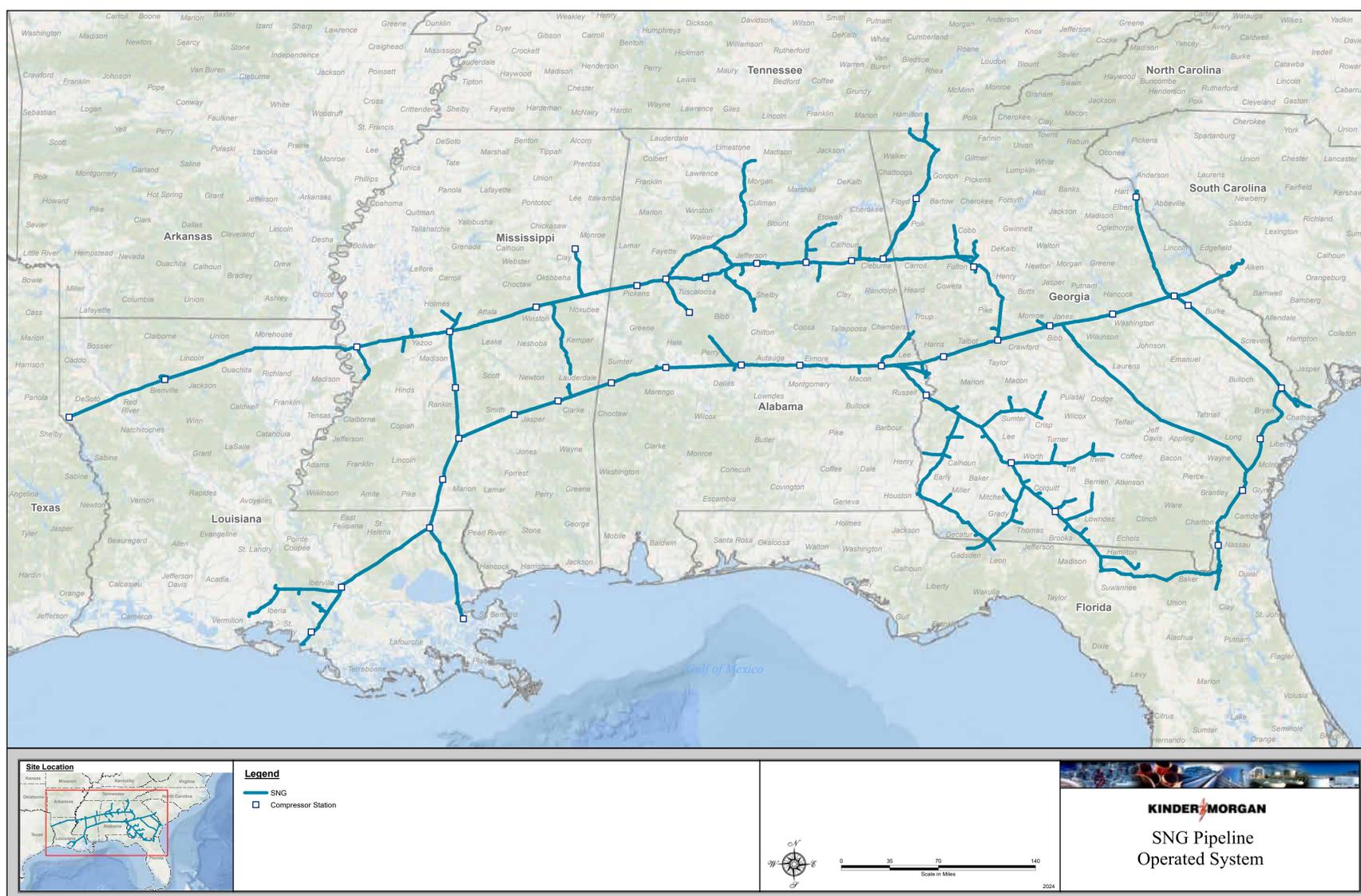


Contractors are expected to rely upon local businesses, housing and support services during the construction.

# SSE4 Project

## About Southern Natural Gas

Southern Natural Gas (SNG) is an approximately 6,900-mile pipeline system extending from natural gas supply basins in Louisiana, Mississippi and Alabama, to market areas in Louisiana, Mississippi, Alabama, Florida, Georgia, South Carolina and Tennessee, including the metropolitan areas of Atlanta and Birmingham. The SNG system is also connected to the Elba Island LNG terminal near Savannah, Georgia.



# SSE4 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	2nd Quarter 2025
Begin Construction	Anticipated 1st Quarter 2027
Proposed In-Service Date	4th Quarter 2028 (Phase 1) and 4th Quarter 2029 (Phase 2)

# SSE4 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.

# SSE4 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.

# SSE4 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.

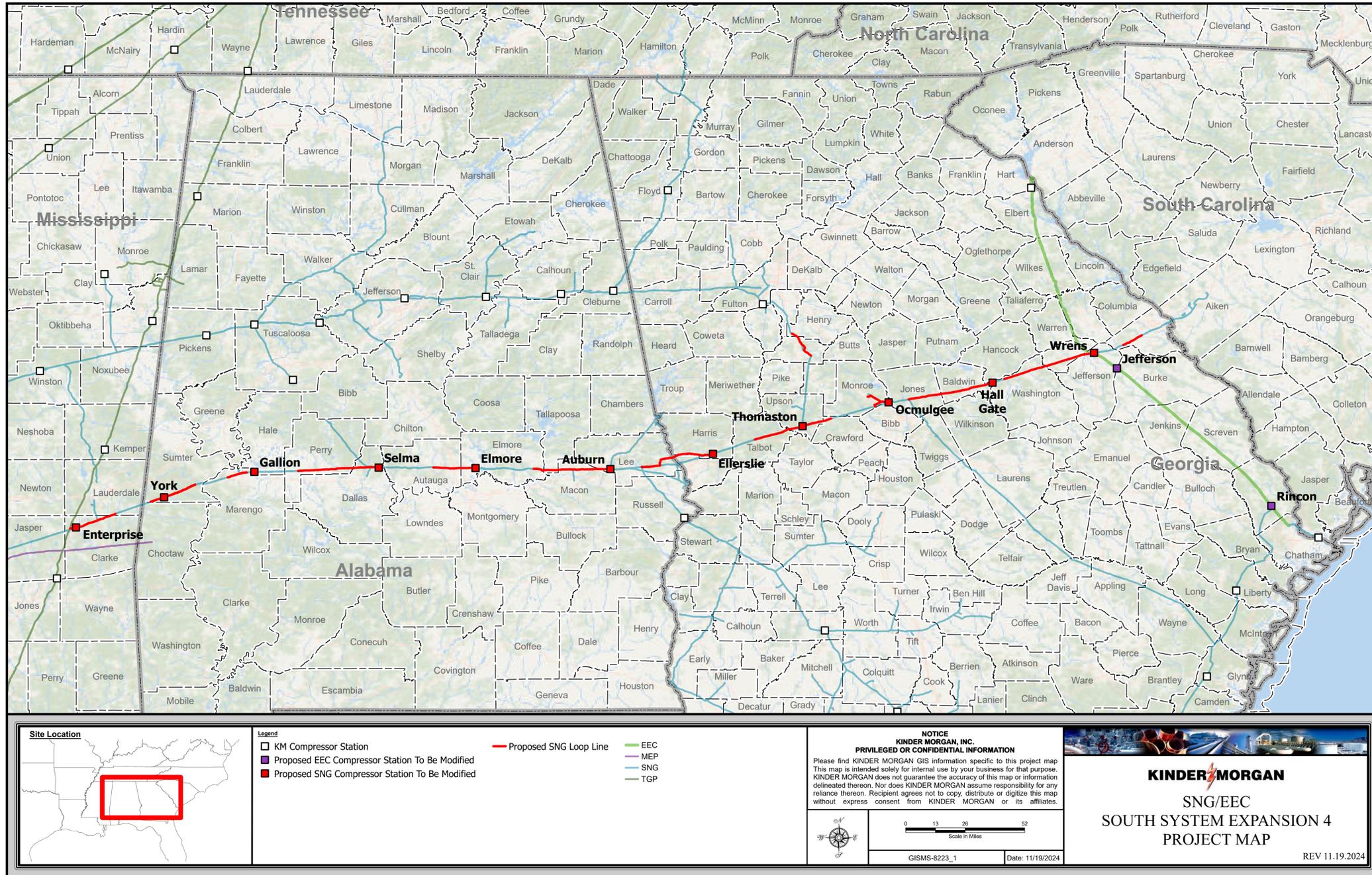
As part of its responsibilities, FERC:

- 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 SSE4 Project: PF25-1-000**

# SSE4 Project Map



# SSE4 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:

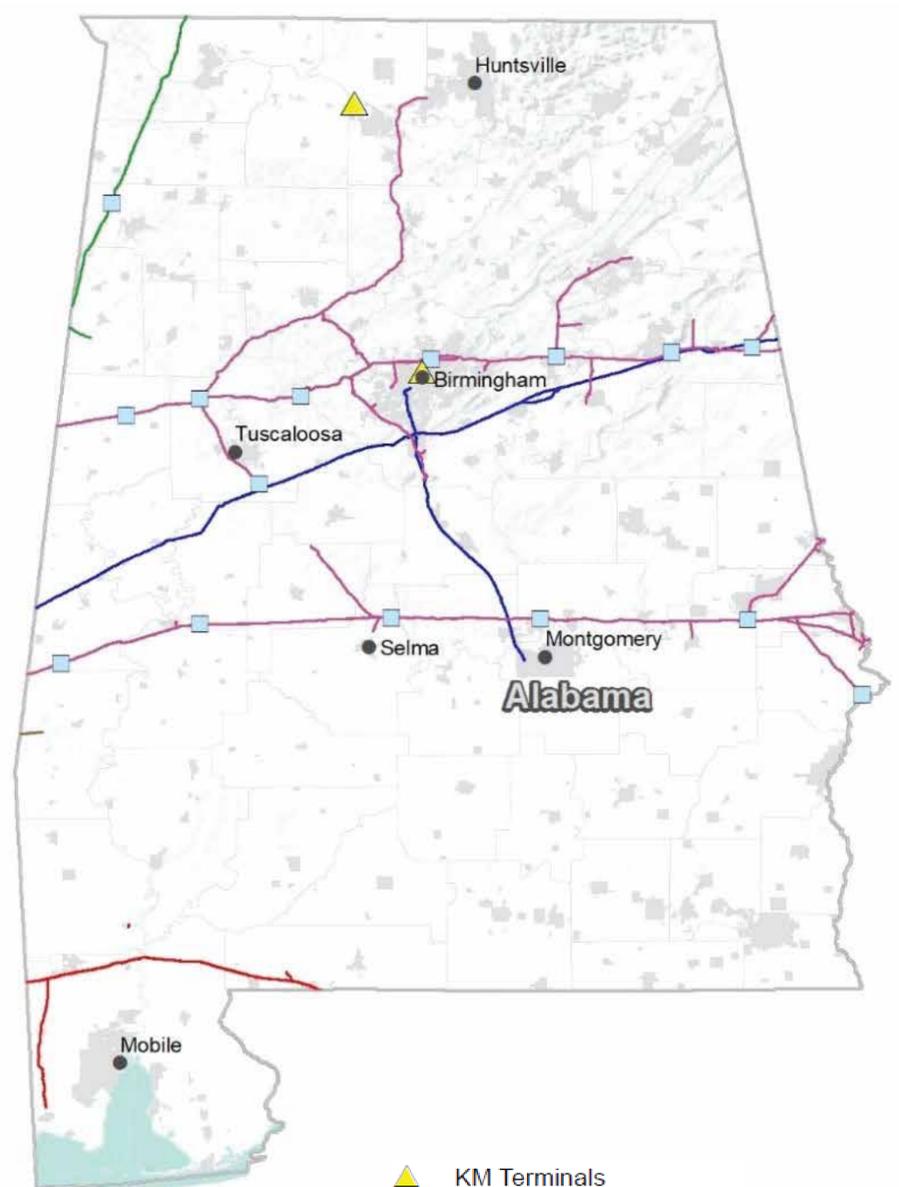
- Tennessee Gas Pipeline (TGP)
- Southern Natural Gas (SNG)
- Florida Gas Transmission (FGT)
- Midcontinent Express Pipeline (MEP)
- Products (SE) Pipe Line

### • 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.



- ▲ KM Terminals
- Compressor Station - KM

#### Pipelines

- MEP
- SNG
- TGP
- Florida Gas Transmission
- KMST
- PRODUCTS SE

# SSE4 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:

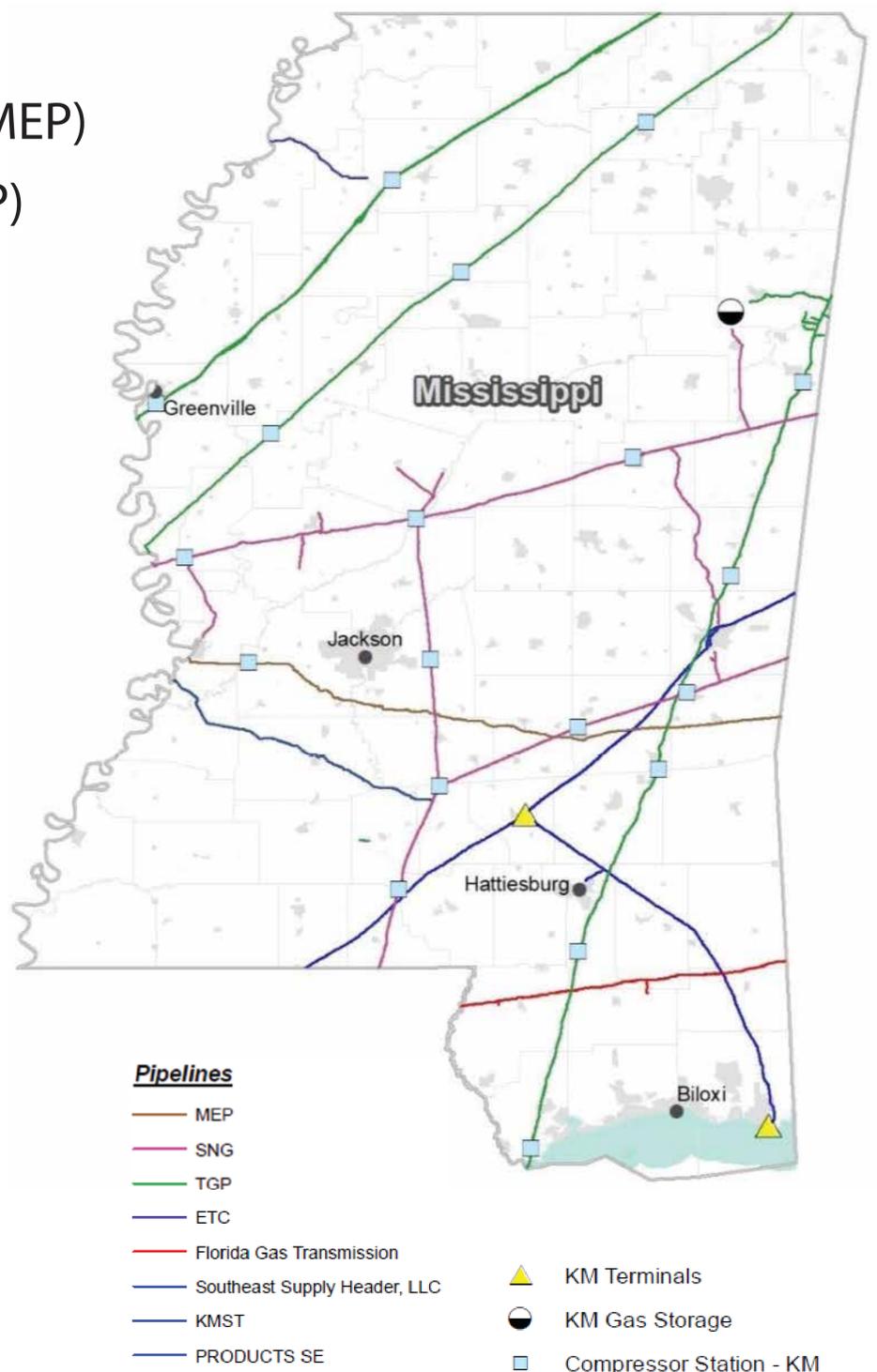
- Tennessee Gas Pipeline (TGP)
- Midcontinent Express Pipeline (MEP)
- Fayetteville Express Pipeline (FEP)
- Southern Natural Gas (SNG)
- Products (SE) Pipe Line Corporation (PPL)
- Florida Gas Transmission (FGT)
- Southern Natural Gas (SNG)

### • 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.



# SSE4 Project

## Kinder Morgan in Georgia

### Assets:

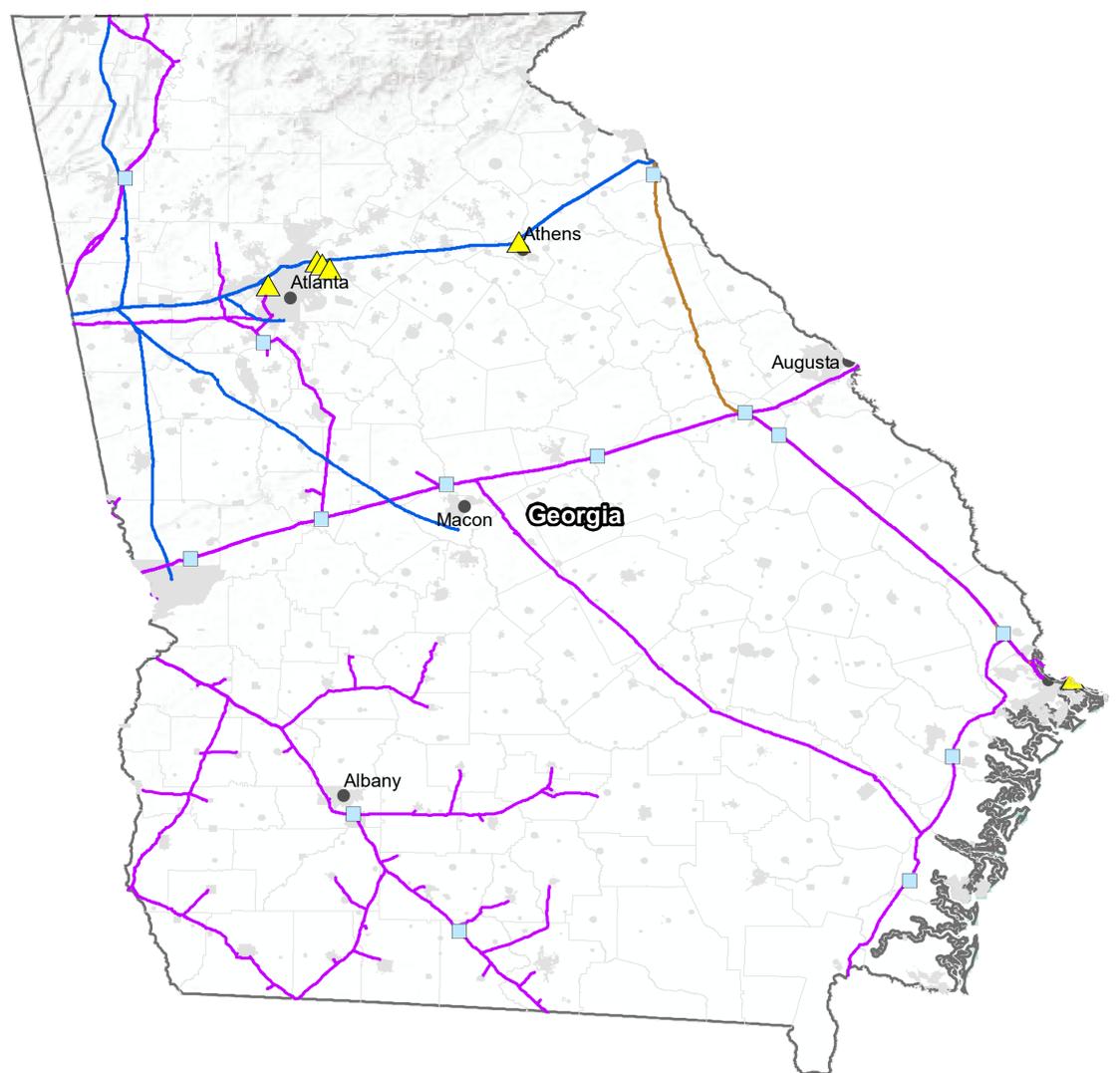
- Kinder Morgan operates ~3000 miles of pipelines, six terminals and a corporate office in Georgia.
- Kinder Morgan owns and/or operates assets in 85 different counties throughout Georgia.

### • Pipeline Systems:

- Products (SE) Pipe Line
- Elba Express
- Southern Natural Gas (SNG)

### • Terminals:

- Elba Island LNG Terminal
- Kinder Morgan Southeast Terminals (KMST)



### Economic Impact:

- Kinder Morgan employs over 470 people and maintains a payroll of ~\$45 million in Georgia.
- Kinder Morgan pays approximately \$26 million annually to state and local taxing bodies in Georgia.

- ▲ KM Terminals
- Compressor Station - KM

#### Pipelines

- ELBA EXPRESS
- KMST
- PRODUCTS SE
- SNG

# SOUTH SYSTEM EXPANSION 4 PROJECT

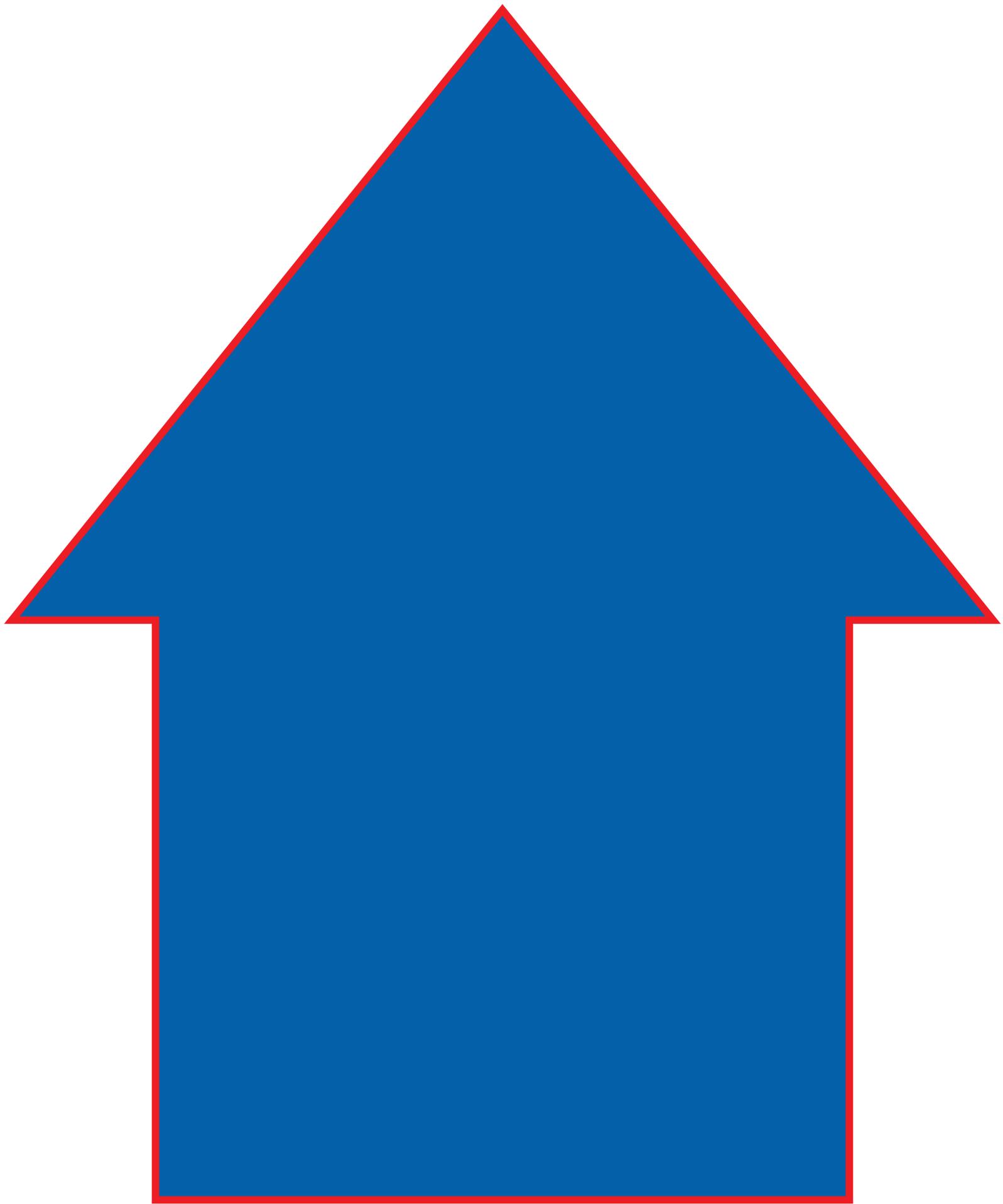
## Land/ Right-of-Way

# **SOUTH SYSTEM EXPANSION 4 PROJECT**

## **Federal Energy Regulatory Commission**

# SSE4 Project

# Open House



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