



Gas Authority

City of Lawrenceville

Natural Gas Overview

Scott Tolleson

Municipal Gas Authority of Georgia

Gas Industry Overview



Three Distinct Industry Segments Collectively Serve Consumers



Producers/ Supplier

- Majors (ExxonMobil, BP, Chevron, Shell, Conoco/Phillips, etc.)
- Independents (over 1,000)
 - ❖ Produce 80% US gas



Pipelines

- 12 Major Interstate Pipelines
- Federal Energy Regulatory Commission (FERC) Regulated



Local Distribution Company (LDC's)

- Investor-Owned Utilities
- Public Gas Systems
- State Regulation



Residential



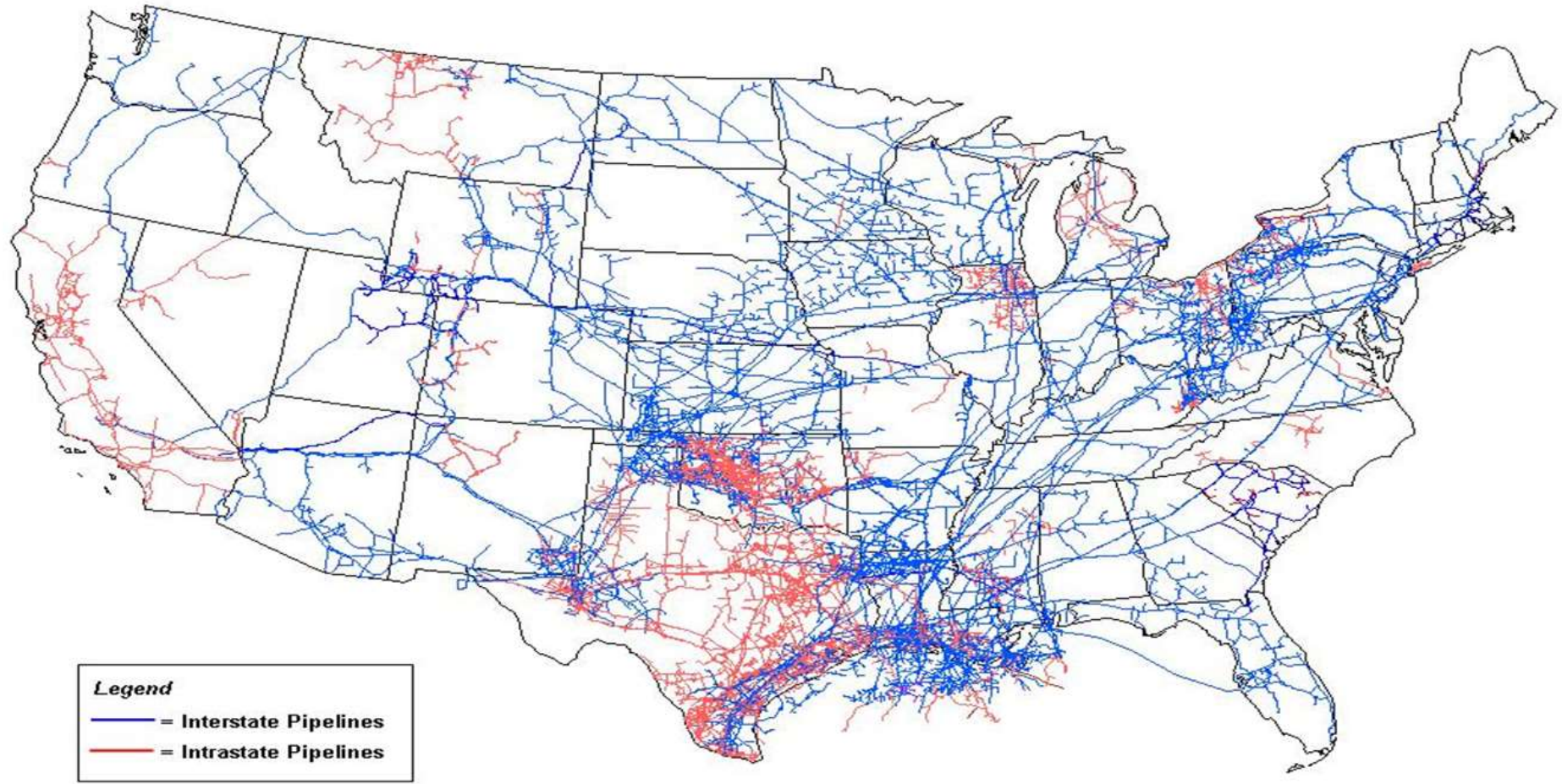
Commercial



Industrial/Power Generation

Gas Industry Overview

Reliable, Safe, Secure & Affordable – Extensive Pipeline & Storage Network



Source: Energy Information Administration, Office of Oil & Gas, Natural Gas Division, Gas Transportation Information System



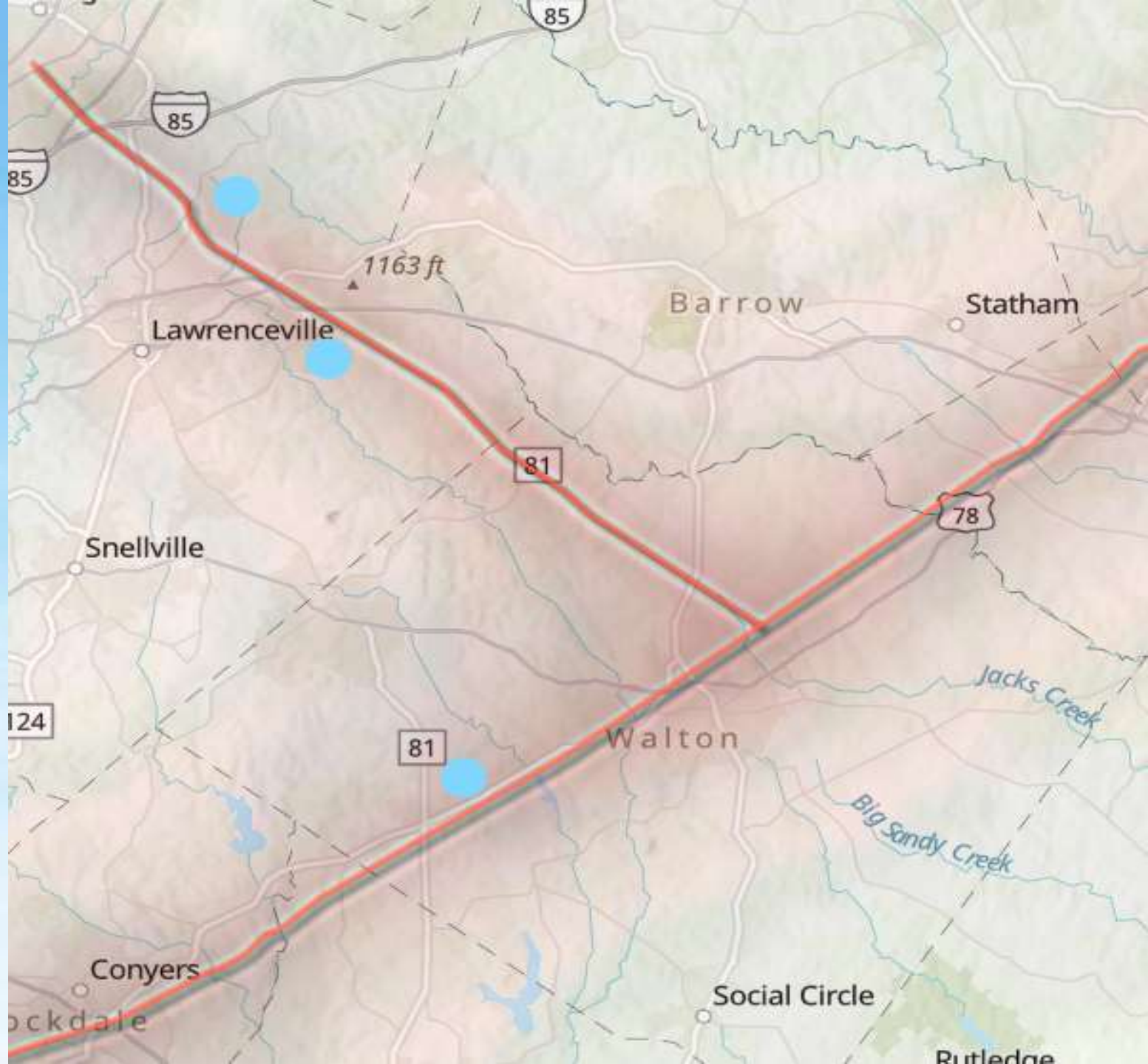
Interstate Pipelines in Georgia

- Pipelines were originally built in the 1950's and 1960's to move natural gas from the Gulf Coast areas to the Northeast.
- Natural Gas now flows both south to north and north to south with the shale revolution



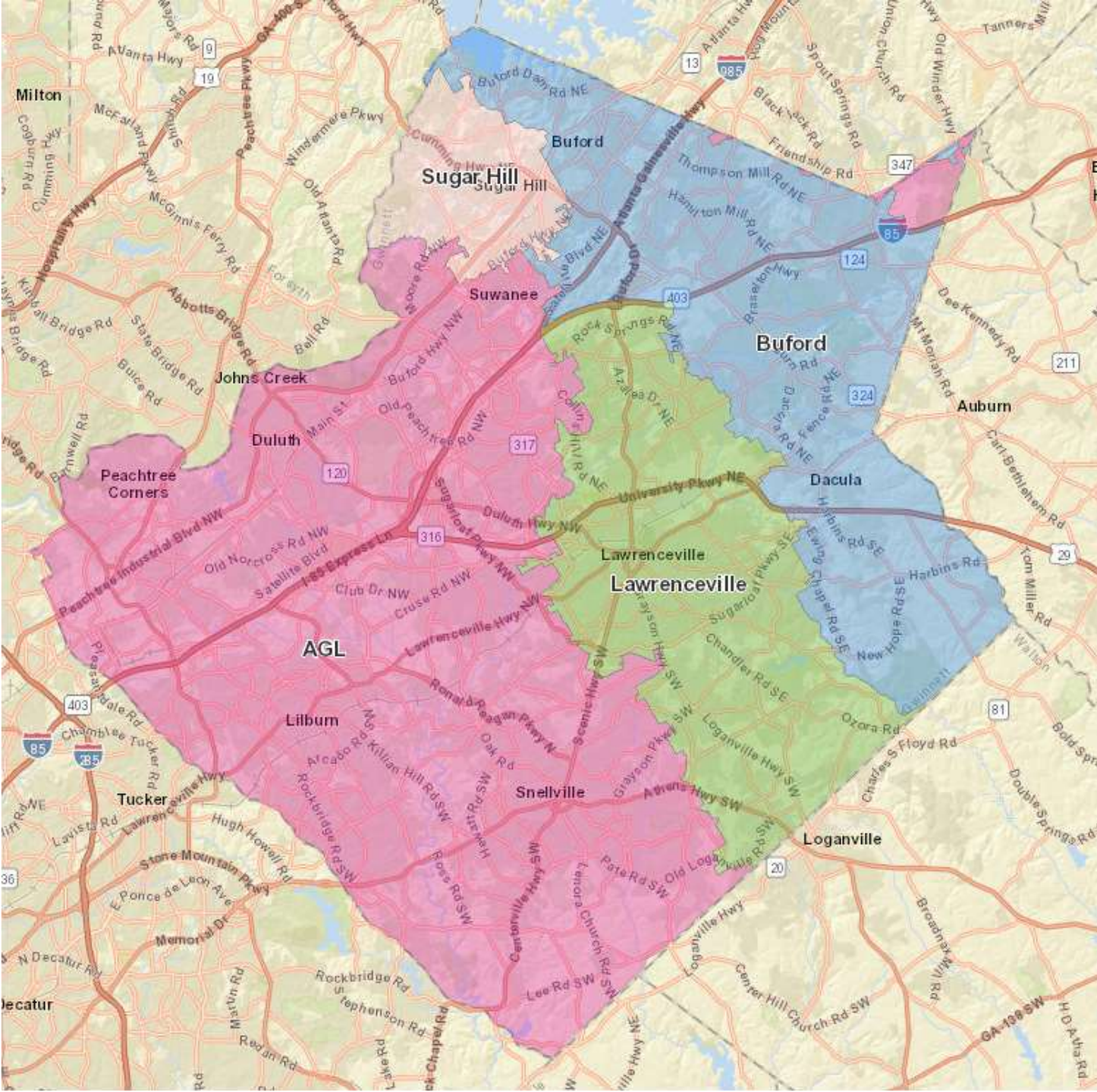
Lawrenceville served by Transcontinental Pipeline

- Lawrenceville has three “Take Points” on Transcontinental (Transco) line.
 - One near Walnut Grove
 - Second on Suwanee Lateral
 - Third near Dacula on Suwanee Lateral



Gwinnett County Natural Gas Distribution Companies

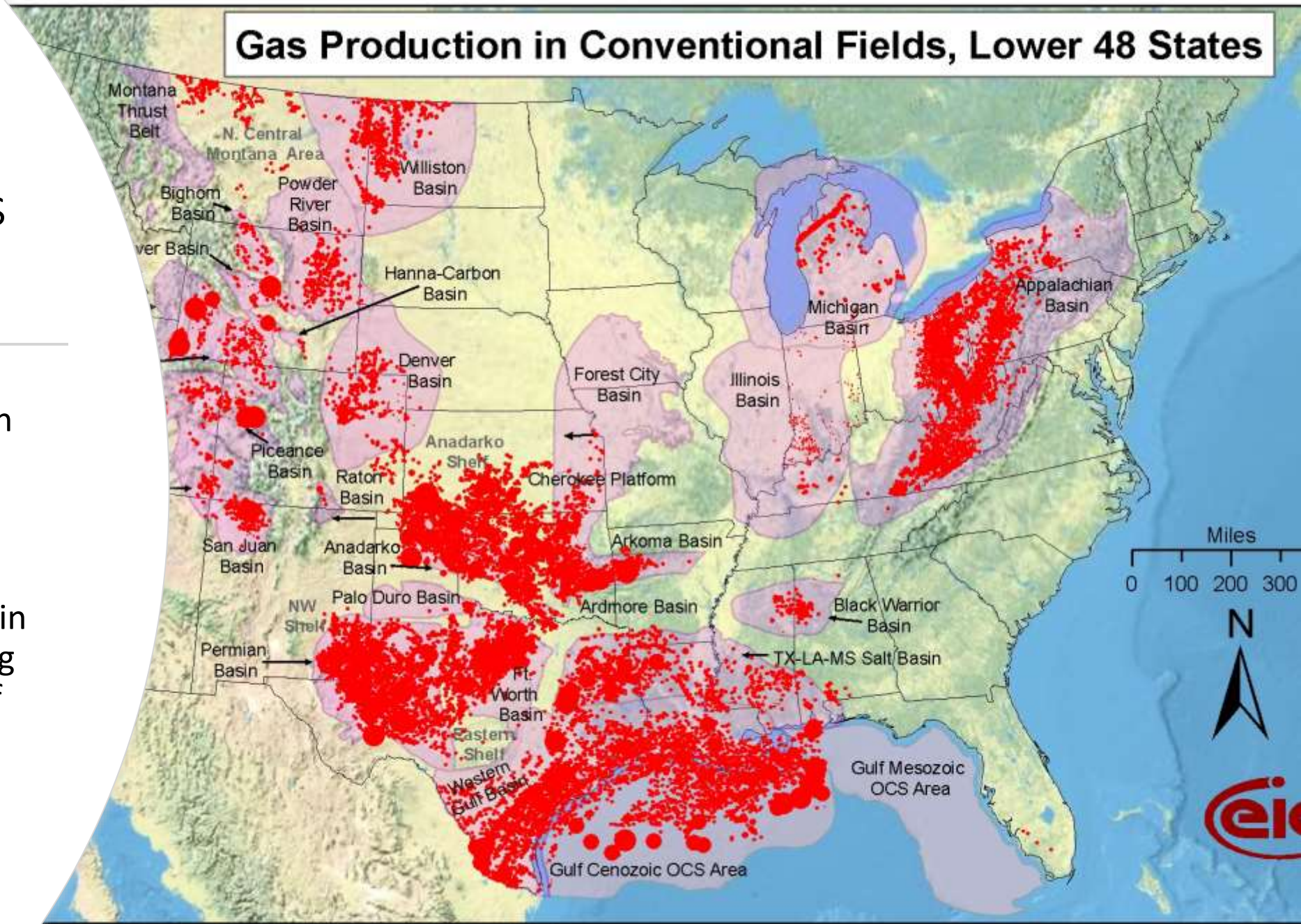
- Buford, Lawrenceville and Sugar Hill are municipal natural gas providers in northeast Gwinnett County
 - Municipal systems were originally built in rural, less densely populated area. These areas were less desirable to investor-owned utilities. These systems have been an economic and community development driver
- Atlanta Gas Light (AGL) is the provider in southwest Gwinnett County
- Public Service Commission (PSC) has established safety boundaries to avoid overlap of infrastructure



Gas Production in Conventional Fields, Lower 48 States

U.S. Natural Gas Reserves

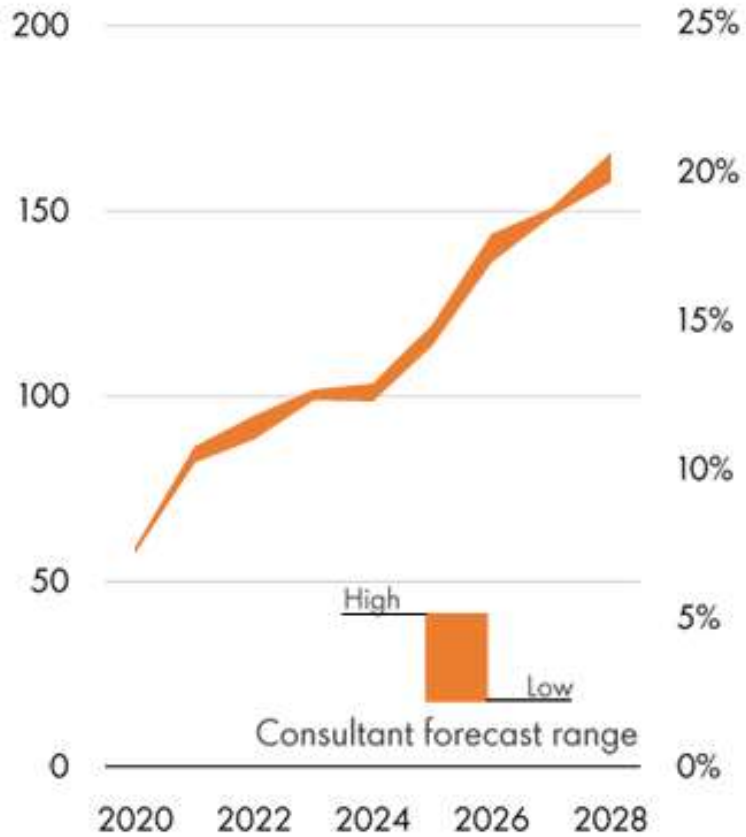
- Over 125 years of known reserves at projected depletion rates
- Shale Revolution began in 2008 with horizontal drilling and hydraulic fracturing of rock formations



Information based on data from HPDI, IN Geological Survey, USGS

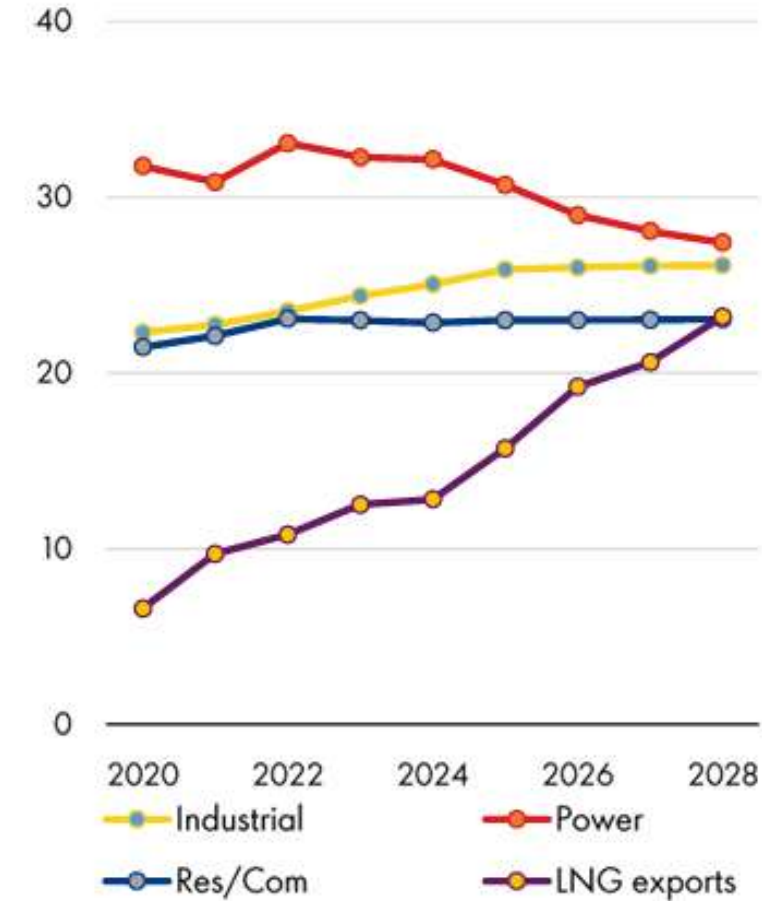
US LNG exports

MTPA Share of US gas production



US gas demand

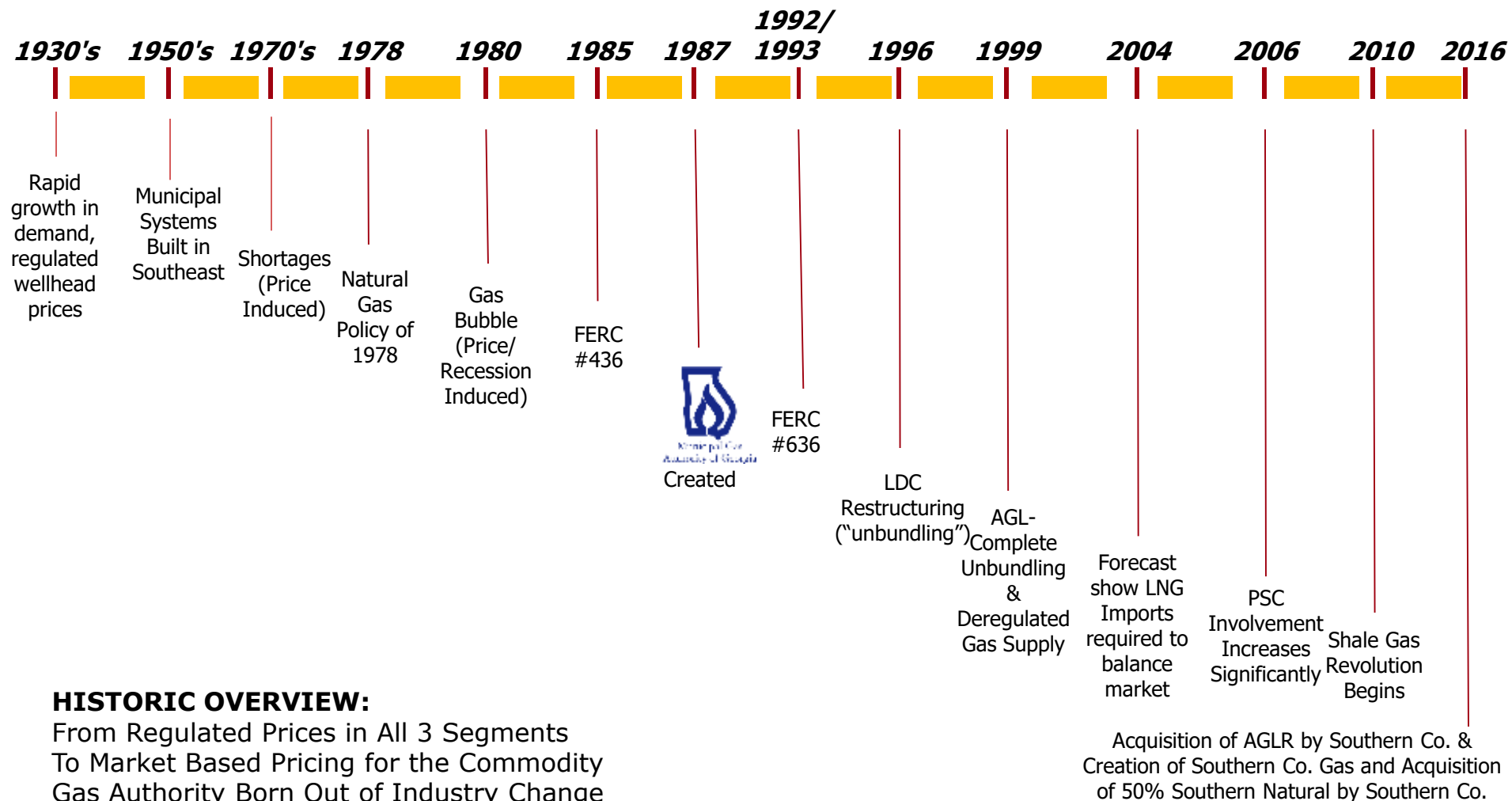
BCF/d



U.S. is poised to export 20% of total production through Liquefied Natural Gas (LNG) Terminals

Why Create a Municipal Gas Authority of Georgia?

Regulatory Driven to Market Driven



HISTORIC OVERVIEW:
 From Regulated Prices in All 3 Segments
 To Market Based Pricing for the Commodity
 Gas Authority Born Out of Industry Change



Creation of the Gas Authority



- Largest non-profit, joint-action natural gas agency in the nation
- Established in 1987 by Georgia law
- Primary purpose is to provide adequate, dependable and economical supplies of natural gas to municipal distribution systems

Our Mission:

To provide municipalities a reliable, economical supply of natural gas and to assist them in developing and growing their gas systems to optimize the benefits of public ownership.



Governance of the Gas Authority



- Governed by a Twelve-Member Board of Directors
 - * Elected at large for 3-year, staggered terms
 - * Board consists of Elected Officials, City Managers & Operators

Todd Hardigree
Chairman

Gas Director, Lawrenceville, GA
Elected to Board: 2018
(Vice Chairman: 2022-2023)

Buddy Duke
Vice Chairman

Mayor, Adel, GA
Elected to Board: 2002
(Chairman: 2007-2009)

Bruce Maples
Secretary/Treasurer

Asst. City Manager, Albany, GA
Elected to Board: 2022

Daren Perkins

Gas Superintendent, Buford, GA
Elected to Board: 2011
(Chairman: 2017 - 2019)

Kenneth Usry

Former Mayor, Thomson, GA
Elected to Board: 2011
(Chairman: 2019 - 2021)

Jonathan Mason

Asst. Gas Superintendent, Borough
of Chambersburg, PA
Elected to Board: 2017

Irving Thompson

General Manager
East Central Alabama Gas District
Elected to Board: 2017

Shelly Berryhill

City Commissioner, Hawkinsville, GA
Elected to Board: 2023

Donna McKay

Mayor, Wadley, AL
Elected to Board: 2023

Matthew Bradshaw

Engineering Director, Dublin, GA
Elected to Board: 2024

Chris White

City Manager, Thomasville, GA
Elected to Board: 2024

Jon Herschell

City Manager, Hartwell, GA
Elected to Board: 2024

Gas Authority Overview



Where does the Gas Authority fit into the system?



Gas Authority Overview

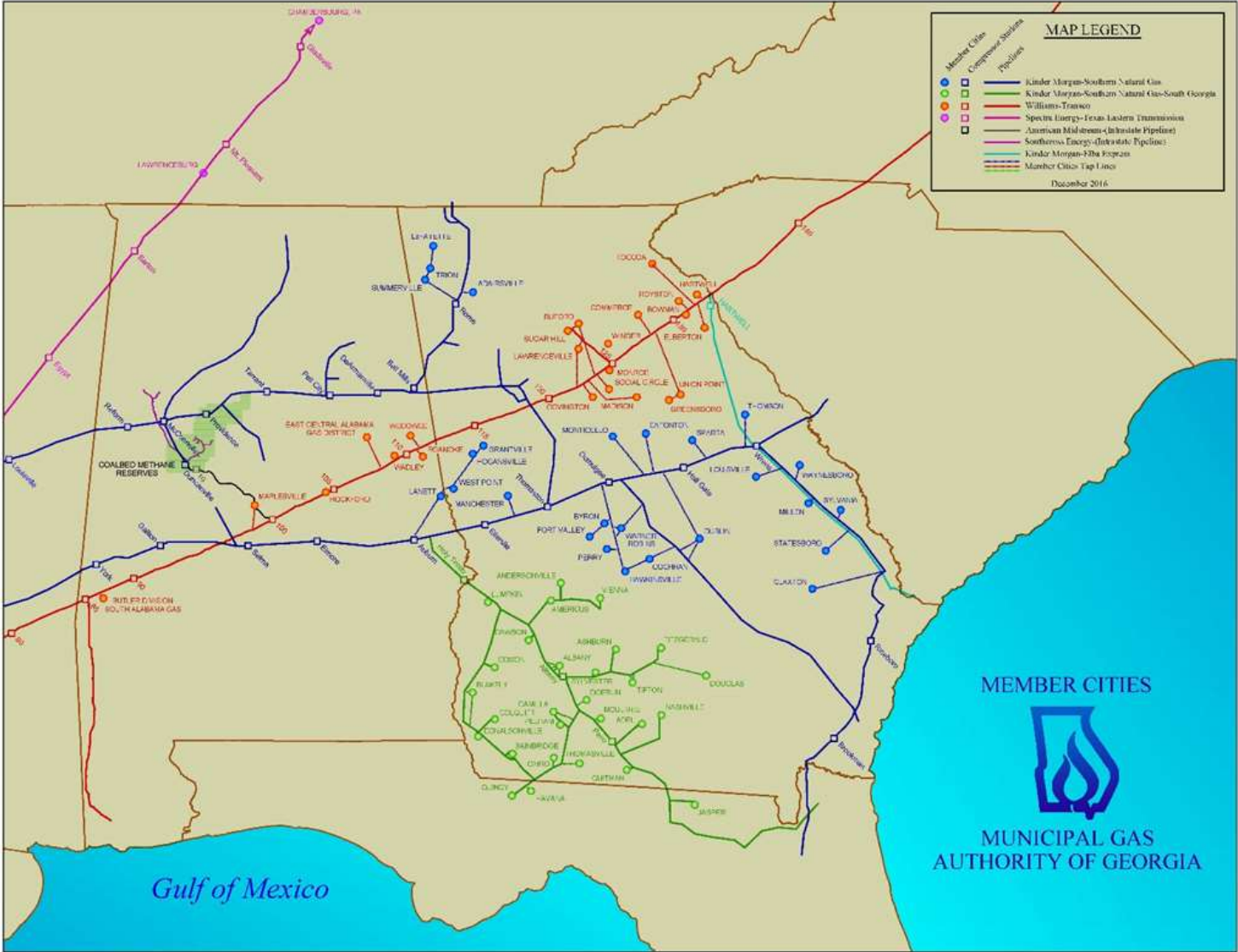


Growth History of Gas Authority

	1988	2023
Gas Authority Members	61	83
Municipal Customers	0	15
Regulatory Compliance Subscribers	0	77
Annual Member Volumes (MMBtu)	24,121,000	50,183,392
Member's Customers	131,804	271,633



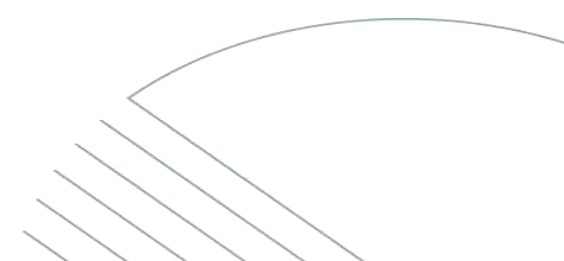
Members of the Gas Authority



City of Lawrenceville Natural Gas



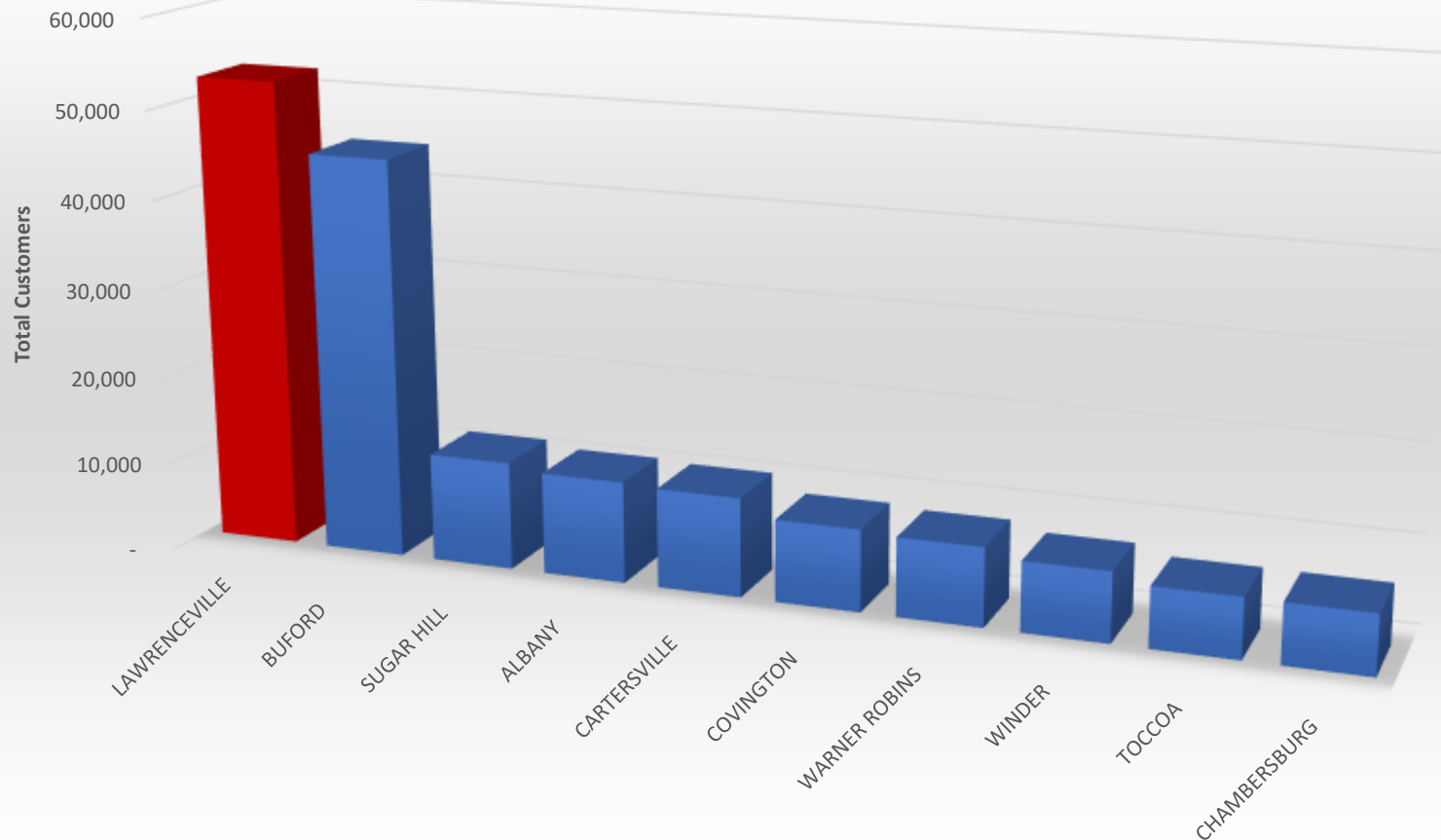
	City of Lawrenceville	Gas Authority
Total Number of Customer	53,000+	271,000+
Annual Volume (Aug 23 – Jul 24)	4,382,077	50,183,392
All-time Peak Day Volume (12/23/2022)	65,760	395,752



City of Lawrenceville Natural Gas



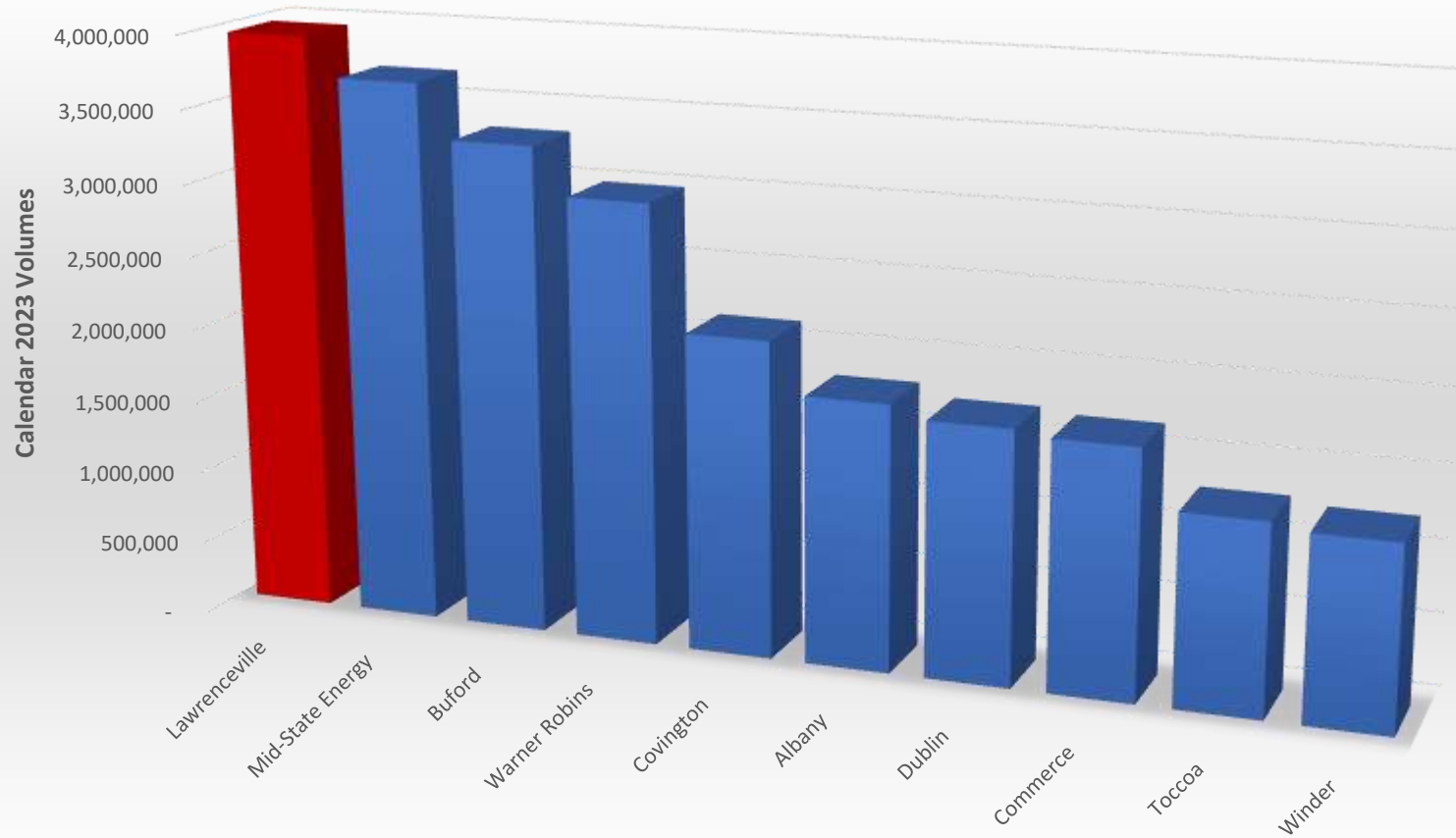
2024 Top 10 Customer Count by Member



City of Lawrenceville Natural Gas



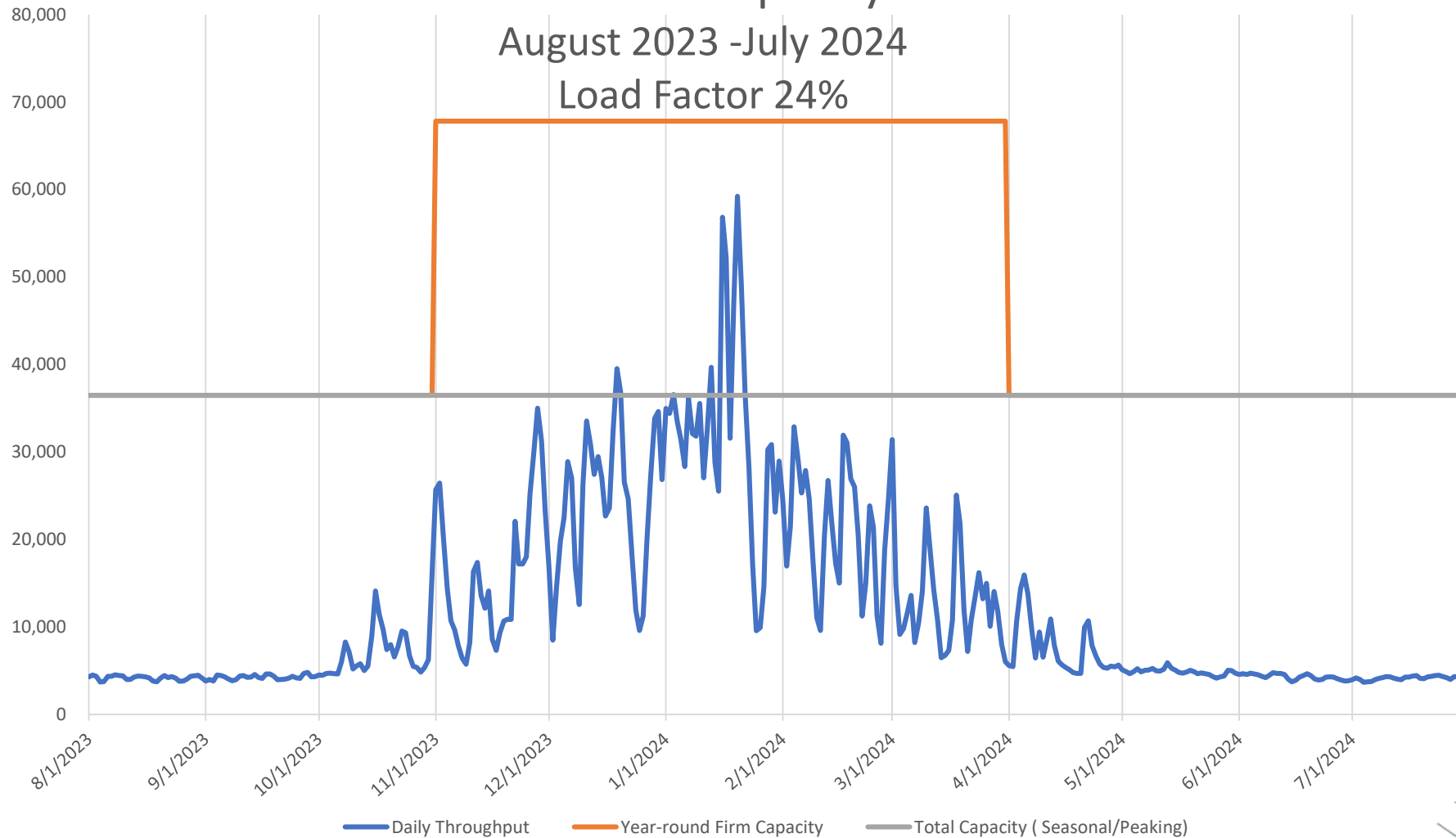
CY 2023 Top 10 Throughput by Member



City of Lawrenceville Natural Gas



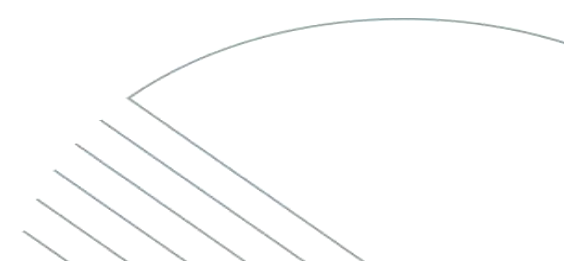
Lawrenceville Firm Capacity Utilization



Key Member Service Areas



- **Member Support-Customized System Consulting**
 - ◆ Retail rates, budget forecasts, & industrial customer relations
 - ◆ Strategic planning, mandated reporting & system analysis
- **Market Development-Marketing Programs**
 - ◆ Residential & commercial customer growth, retail & direct sales
 - ◆ Program development & implementation
- **Government Affairs**
 - ◆ State & federal energy-related matters
 - ◆ Public Service Commission (PSC) Representation
- **Economic Development**
 - ◆ Partner with ECG to form economic development alliance
- **Member Liaison & Relationship Management**
 - ◆ Connect Members with other Members, state-wide natural gas stakeholders and national energy policy makers.



Key Member Service Areas



➤ **Communications & Training**

- ◆ Customer relations
- ◆ Customer education on how natural gas is delivered and priced in Georgia

➤ **Regulatory Compliance**

- ◆ Subscribed program (AL, GA, FL)
- ◆ Assist participants in maintaining compliance with pipeline safety regulations
- ◆ Liaison between Members and Georgia Public Service Commission (PSC)

➤ **Operator Training and Operator Qualification**

- ◆ Service established in 2024 to provide training to Members' operations and field staff
- ◆ Basic gas operations, Operator Qualification and record keeping



Municipal Gas Authority of Georgia



➤ The Gas Authority is different;

We're not just a marketing or asset management company

- ◆ We work exclusively for publicly-owned gas systems
- ◆ Our Members are both our “Stockholders” and our “Customers”
- ◆ All benefits, financial and otherwise, flow back to our Members and the municipalities we serve
- ◆ Joint-action works

“1 + 1 = More than 2”

