

NGA Pre-Winter Briefing: Overview

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Northeast Gas Association
November 14, 2023



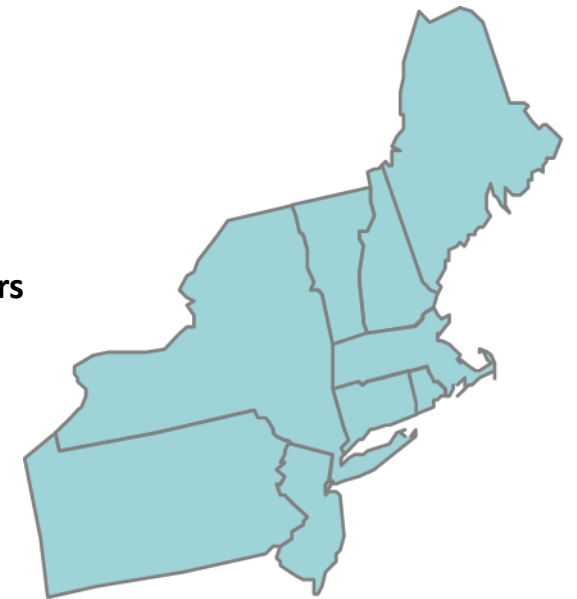
Today's Program

- **Purpose:** Provide an overview of how the regional natural gas system, and winter readiness.
- **Segment Areas:**
 - NGA Overview
 - Interstate Pipelines Update
 - Liquefied Natural Gas (LNG) Update
- **Q&A**



About NGA

- **The Northeast Gas Association is a non-profit trade association**
- **NGA member companies include:**
 - Local gas utilities (LDCs) serving New England, New York, New Jersey, and Pennsylvania
 - Several interstate pipeline companies
 - LNG & CNG importers/suppliers
 - About 400 “associate member” companies, from industry suppliers and contractors to electric grid operators
- **NGA’s RD&D arm, NYSEARCH, is a leading natural gas research organization nationally**





NGA'S ANTITRUST COMPLIANCE PROCEDURES

Adopted by the NGA Board of Directors on June 20, 2018

Objective

The Northeast Gas Association (NGA) and its member companies are committed to full compliance with all laws and regulations, and to maintaining the highest ethical standards in the way we conduct our operations and activities. Our commitment includes strict compliance with federal and state antitrust laws, which are designed to protect this country's free competitive economy.

Responsibility for Antitrust Compliance

Compliance with the antitrust laws is a serious business. Antitrust violations may result in heavy fines for corporations, and in fines and even imprisonment for individuals. While NGA's attorneys provide guidance on antitrust matters, you bear the ultimate responsibility for assuring that your actions and the actions of any of those under your direction comply with the antitrust laws.

Antitrust Guidelines

In all NGA operations and activities, you must avoid any discussions or conduct that might violate the antitrust laws or even raise an appearance of impropriety. The following guidelines will help you do that:

- **Do** consult counsel about any documents that touch on sensitive antitrust subjects such as pricing, market allocations, anti-employee poaching practices, refusals to deal with any company, and the like.

Continued on NGA web site...

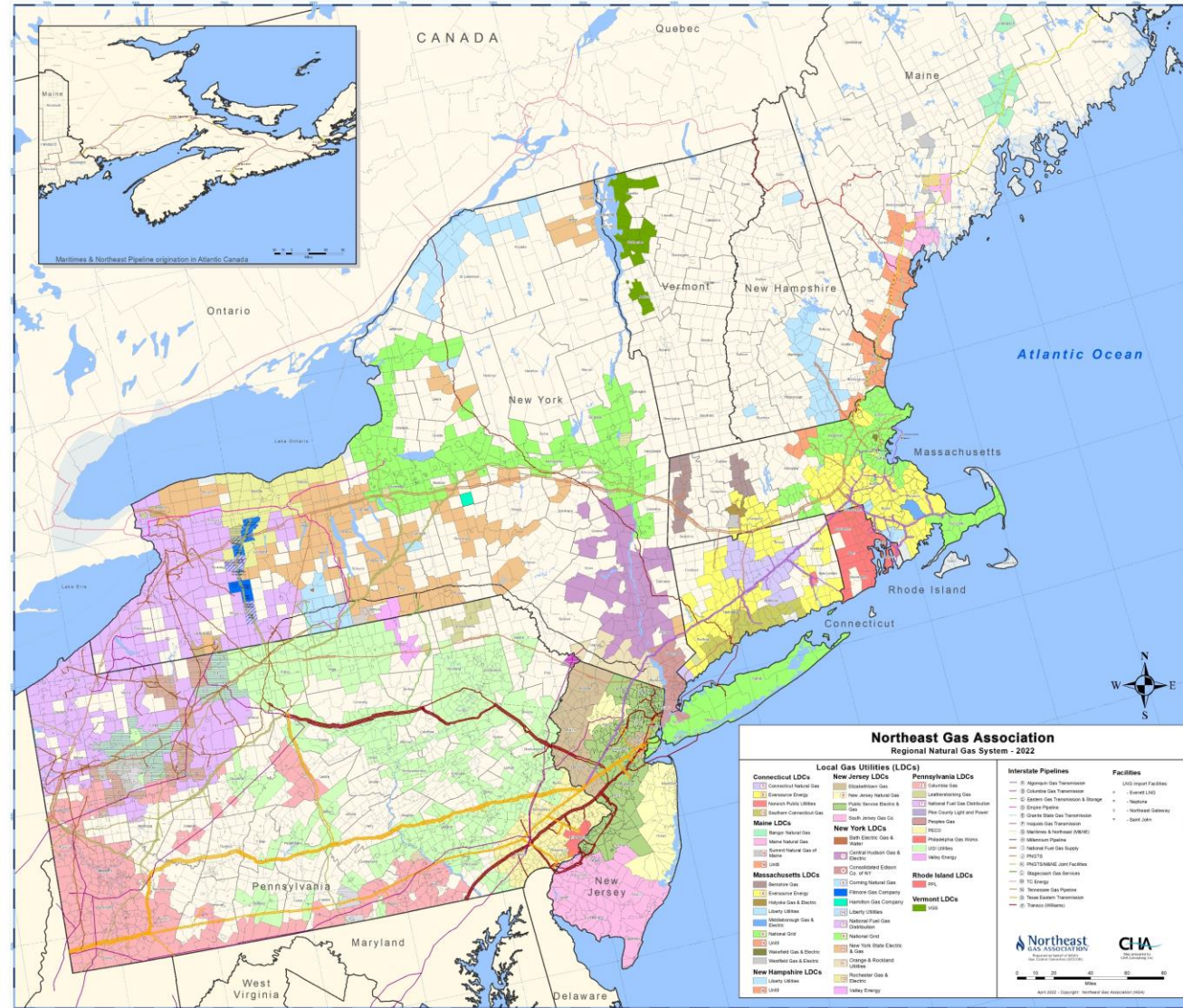
https://www.northeastgas.org/compliance_docs.php

Webinar Format

- **We welcome your questions. During the webinar, please send questions via the “Q&A” function.**
- **All attendees are on mute with cameras turned off during the webinar.**
- **Presentations will be posted on NGA web site.**
- **Your feedback is valued – let us know how you like this format and topics.**

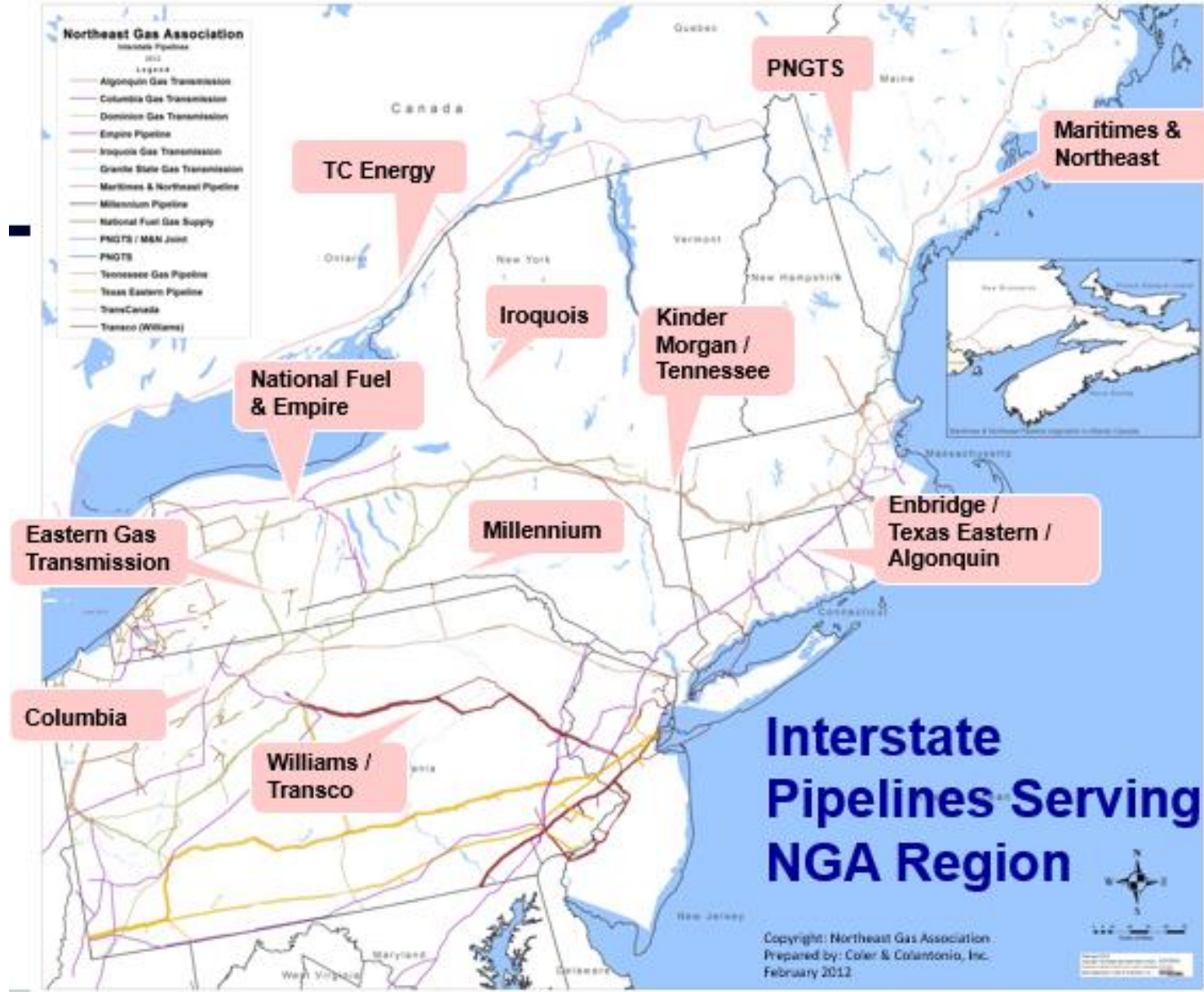


Gas Utility Service Areas, NGA Region



NGA
NORTHEAST GAS ASSOCIATION

Interstate Pipelines



LNG

- LNG is key to meeting peak day demand in the region, and is essential to preserving energy reliability, especially New England
- LDCs in NE, NY, NJ, PA utilize LNG for peak-shaving
- Three LNG import terminal operators serve the region



*Everett LNG facility, part of
Exelon (Constellation)*



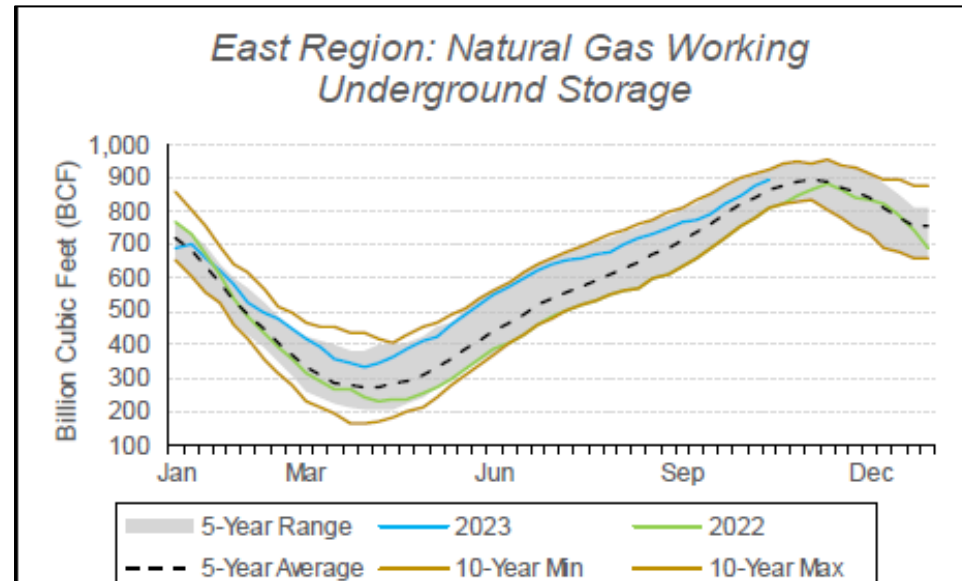
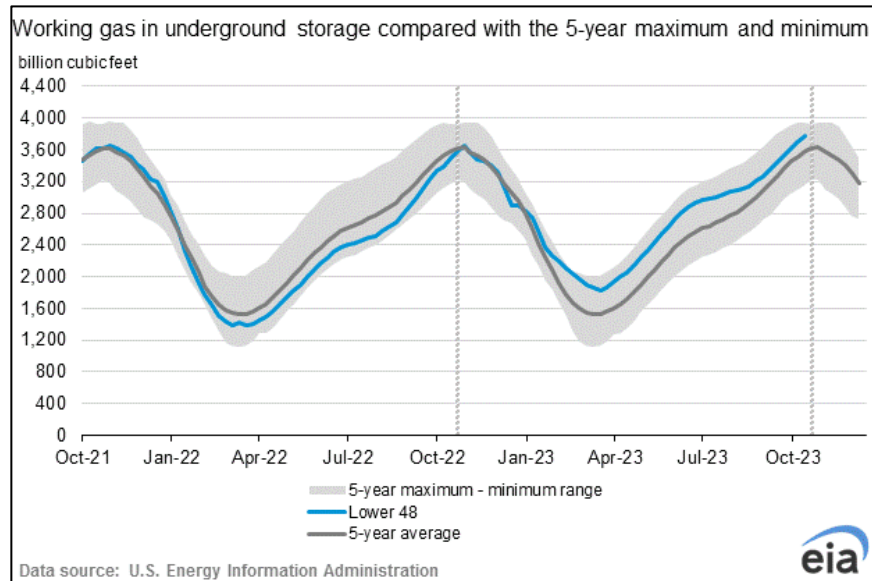
*Northeast Gateway,
Excelerate Energy*



*Saint John LNG (Repsol
Energy North America)*

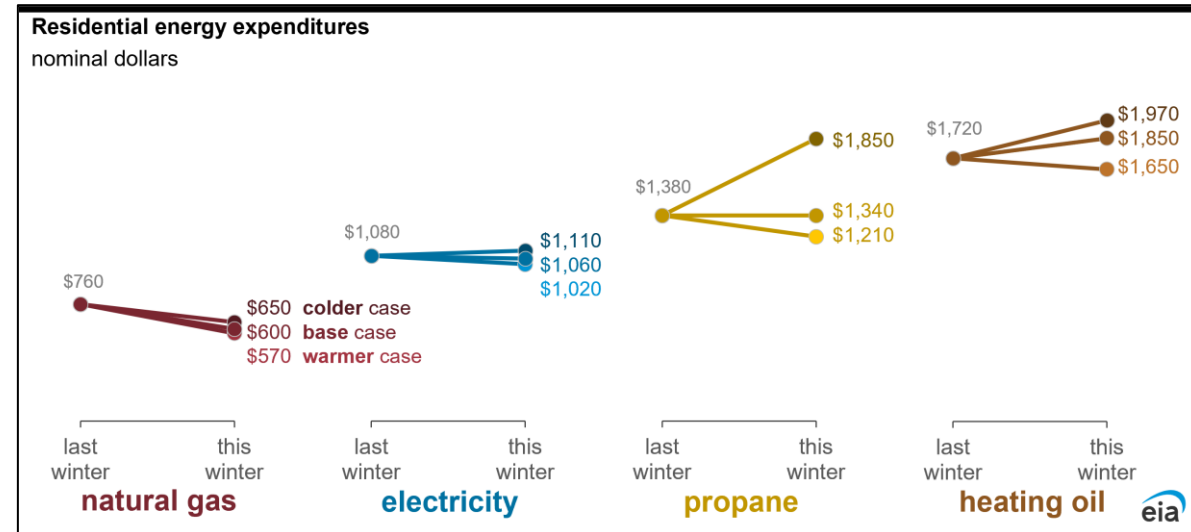
Storage Levels

- **Nationally, and in the eastern region, storage levels are above average.**
 - **Nationally, working gas in storage was 3,779 Bcf as of Friday, October 27, 2023, according to EIA estimates. Stocks were 293 Bcf higher than last year at this time and 205 Bcf above the five-year average.**
 - **In the eastern region, working gas in storage was 935 Bcf as of Friday, October 27, 2023, according to EIA. Stocks were 9.5% higher than this time last year.**



Additional Market Variables

- Markets appear to be more stable than last year.
- Prices also are set to be lower than last year.
- Natural gas remains the most affordable heating option in most cases.
- However, given the region's constrained pipeline capacity, weather is always the variable.

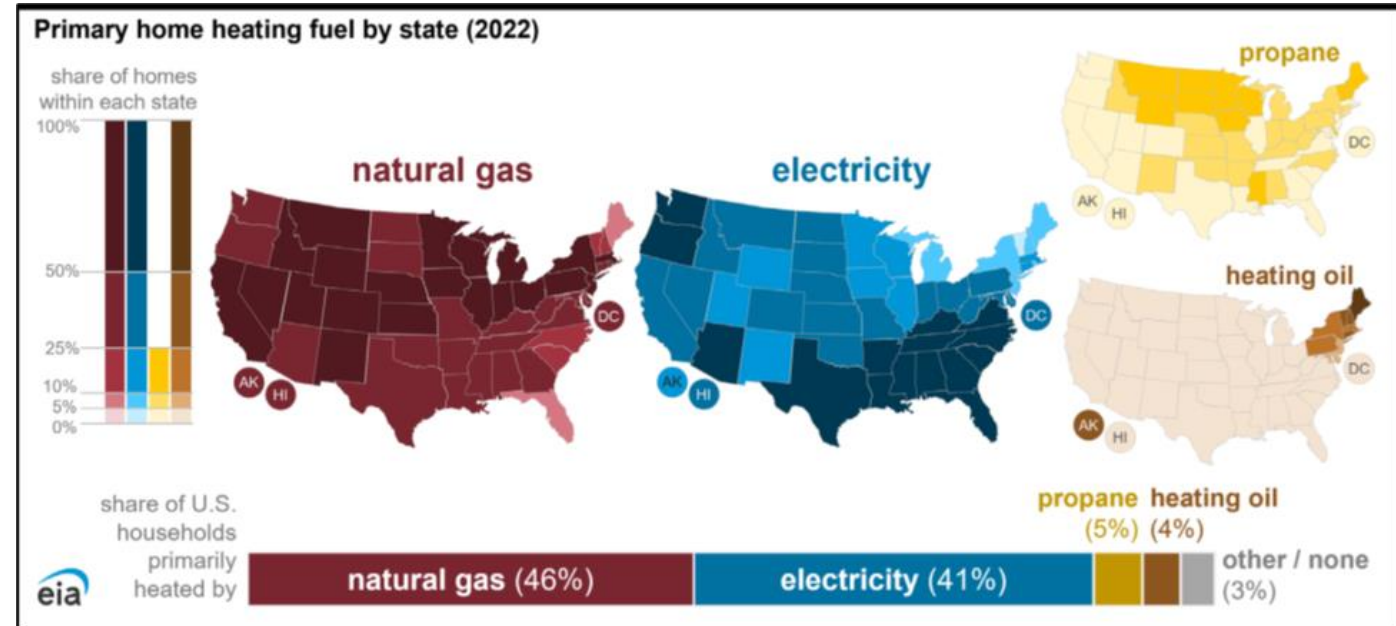


Northeast Average Household Fuel Expenditures

Fuel	Base Case Estimate	% Change from 2022
Natural Gas	\$761	-18%
Electricity	\$1,465	4%
Propane	\$1,696	1%
Heating Oil	\$1,851	8%

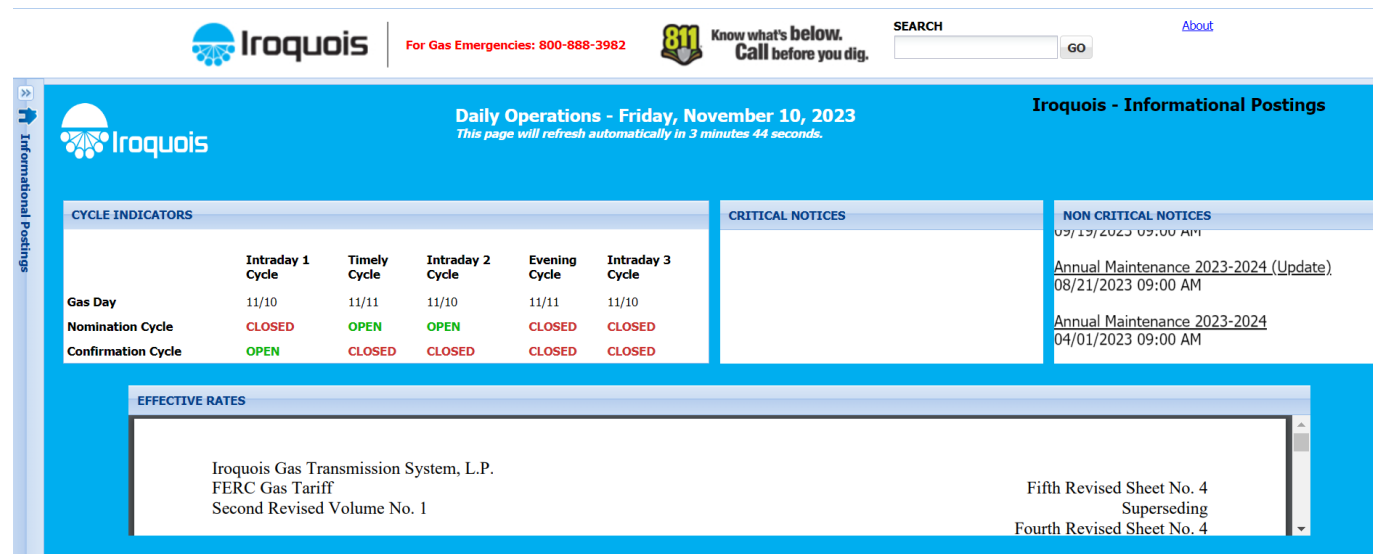
Gas Utility Preparedness

- Gas utilities in the region preparing for winter
- Supply and storage contracts in place
- Modest customer growth
- Monitoring peak day challenges
- Role of “portable” CNG and LNG inputs as supply option.



Regional Energy Coordination

- NGA maintains joint Electric-Gas Operating Committee with 3 regional ISOs
- Regular communication between ISOs and pipeline control operators; coordination on “critical infrastructure facilities” for reliability
- NGA has link to pipeline EBBs on its website: https://www.northeastgas.org/electronic_bulletin_board.php



The screenshot displays the Iroquois website interface. At the top, there is a navigation bar with the Iroquois logo, emergency contact information (800-888-3982), a search bar, and a 'GO' button. Below the navigation bar, the main content area is titled 'Daily Operations - Friday, November 10, 2023' and includes a refresh timer. The page is divided into several sections: 'CYCLE INDICATORS', 'CRITICAL NOTICES', 'NON CRITICAL NOTICES', and 'EFFECTIVE RATES'. The 'CYCLE INDICATORS' section contains a table with columns for Intraday 1 Cycle, Timely Cycle, Intraday 2 Cycle, Evening Cycle, and Intraday 3 Cycle. The 'NON CRITICAL NOTICES' section lists two notices related to annual maintenance for 2023-2024. The 'EFFECTIVE RATES' section provides information about the Iroquois Gas Transmission System, L.P. FERC Gas Tariff, including the volume and sheet numbers.

	Intraday 1 Cycle	Timely Cycle	Intraday 2 Cycle	Evening Cycle	Intraday 3 Cycle
Gas Day	11/10	11/11	11/10	11/11	11/10
Nomination Cycle	CLOSED	OPEN	OPEN	CLOSED	CLOSED
Confirmation Cycle	OPEN	CLOSED	CLOSED	CLOSED	CLOSED

EFFECTIVE RATES

Iroquois Gas Transmission System, L.P.
FERC Gas Tariff
Second Revised Volume No. 1

Fifth Revised Sheet No. 4
Superseding
Fourth Revised Sheet No. 4

NGA Gas Supply Task Force

- **Members:** LDCs in region, interstate pipelines, LNG & CNG transporters
- **Purpose:** to ensure coordination and communication as we work to meet winter supply needs and deliverability within the Northeast region
- **Tasks:** Monitor regional deliverability of its members' gas supplies during periods of peak demand or supply curtailment; Advise region's energy, regulatory and policy officials; also Communicate with ISOs regarding meetings, outcomes
- **Upcoming:**
 - Anticipate scheduling first call before Dec. 1. Summaries of discussions will be provided same day to state agencies (and ISOs)
 - Annual supply manual is being prepared; will be provided to state agencies in early December.



Presenters

- **Northeast Interstate Pipeline System:**
 - **Mike Dirrane**, Enbridge / Algonquin / Texas Eastern / M&NE
 - **Jim McCord**, Kinder Morgan / Tennessee Gas Pipeline / Stagecoach
 - **Christopher Chotalal**, Iroquois Gas Transmission
 - **Tom Lockett**, TC Energy /Portland Natural Gas Transmission System / Columbia / Millennium
- **LNG Import Terminal Operators In The Region**
 - **Gary Ritter**, Excelerate Energy (Northeast Gateway)
 - **Karen Lampen**, Repsol (Saint John LNG)
 - **Norris Wright**, Constellation (Everett LNG)

