

## Enhancement by Compression



In order to meet the increasing need for natural gas in the north-east region, Iroquois' Enhancement by Compression ("ExC") Project is proposed as a 'compression only' alternative to provide additional firm natural gas transportation to New York utilities.

### Project Highlights

- ◉ Addition of ~12,000 HP of compression and gas cooling at Iroquois' Athens, NY Compressor Station
- ◉ Addition of ~12,000 HP of compression and gas cooling at Iroquois' Dover, NY Compressor Station
- ◉ Addition of ~24,000 HP of compression and gas cooling at Iroquois' Brookfield, CT Compressor Station
- ◉ Addition of gas cooling only at Iroquois' Milford, CT Compressor Station
- ◉ Installation of Emission Reduction Equipment at Project Sites
- ◉ Proposed In-Service November 1, 2023

### ExC Benefits

#### New York

- Greater supply to NYC will help alleviate the need for gas moratoriums and benefit economic development
- Increased supply facilitates conversions from oil heat to gas heat while supplying new construction with natural gas instead of #2 fuel oil
- Supports the intermittency of renewable energy sources

#### Connecticut

- Complements the state's zero-carbon initiatives and pursuit of off-shore wind resources
- Reduces price volatility and lowers fuel prices for gas and electric utilities
- Enhances electric grid reliability and resiliency with additional compression that enables fast start and quick ramping during peak periods

#### Mutual Benefits

- Additional capacity with no new pipeline
- Reduction in life cycle GHG emissions and air pollution
- Increased property tax revenue for host communities
- Construction jobs and boost to local economy during construction
- Project related Community Grants



Athens, NY Compressor Station



Dover, NY Compressor Station



Brookfield, CT Compressor Station



Milford, CT Compressor Station

## ExC Project Overview

Iroquois Gas Transmission System, LP (“Iroquois”) is proposing a ‘compression only’ enhancement of its existing system to receive an additional 125 million cubic feet per day of natural gas at Iroquois’ interconnect with the TC Energy Canadian mainline in Waddington, NY for redelivery to New York utilities.

The ExC Project involves the addition of compression and associated gas cooling at existing Iroquois compressor station sites only. All new facilities will be constructed entirely within Iroquois’ existing compressor station properties. No new pipeline is proposed as part of this project.

## Regulatory Process

Iroquois will be required to comply with the regulations of the Federal Energy Regulatory Commission (FERC) and other appropriate federal, state and local agencies.

The ExC Project anticipates filing a formal application with the FERC in late January 2020, and is anticipating approval by early 2021.

The FERC, as lead federal agency, will make an assessment of the project from an environmental standpoint and will issue a determination of whether or not the proposed project is within the public convenience and necessity. Additional information on the FERC process can be found at [www.ferc.gov](http://www.ferc.gov).

## Environmental Sensitivities & Enhancements

As a local, New England based company, we live in and care about the communities we serve. Respect for the environment is an important part of Iroquois’ culture, and we are dedicated to preserving our environment by seeking ways to minimize intrusions to, and maximize protection of, our natural resources. The ExC Project will be subject to an extensive environmental review as part of the regulatory process. Iroquois will collect and analyze site specific environmental information to understand potential impacts, develop mitigation plans, and prepare environmental reports for review by the FERC and other permitting agencies. Construction will not commence until these agencies are satisfied that the ExC Project can be constructed without significant impacts to the environment.

In addition, as part of the ExC Project, Iroquois plans to further its environmental stewardship by seeking to reduce methane and overall emissions at project sites. Iroquois is proposing to install low Nitrous Oxide (NOx) turbine units which will reduce NOx emissions by 40% over standard turbine units, as well as adding oxidation catalysts on the newly installed turbines which will reduce Carbon Monoxide (CO) emissions by approximately 90%. Moreover, at each project site, Iroquois is proposing to install methane recovery systems to capture released natural gas from station operations and thereby reduce methane emissions, a component of greenhouse gases (GHG).

## Safety Considerations

The safety of our employees and communities is a top priority for Iroquois. Interstate natural gas pipelines are America’s safest transportation network, and Iroquois is very proud of its longstanding, excellent safety record. The proposed facilities will be designed, built and operated in a safe and environmentally responsible manner.

All phases of construction and operation are monitored by various government agencies such as the Department of Transportation, the

Connecticut Department of Public Utility Control and the New York Department of Public Service. As part of Iroquois’ ongoing Public Awareness Education Program, we work with, and provide training to, local emergency responders to partner in safety.

Iroquois will work to ensure the safety and security of its construction sites. Safety inspectors will be monitoring the sites and security personnel will be onsite as required.

## Construction Impacts

Iroquois is committed to minimizing disruptions during the construction of this project. Through our outreach initiative, we will also identify questions and concerns about construction and will work with the community and local officials to address these issues.

## Community Participation

Early outreach to our stakeholders is essential for us in order to identify environmental issues and concerns. During the application process, we will be providing information about this project and seeking input in a number of ways:

- Through visits with abutting landowners, local officials and other interested stakeholders
- Notification letters mailed to residents within 1/2 mile of project sites
- Newspaper advertisements
- Informal community open house events
- Presentations to government agencies as requested
- Project brochures
- Informational postings on our website [www.iroquois.com](http://www.iroquois.com)

Upon receiving approval, and throughout construction, we will provide updates by:

- Informational postings on our website [www.iroquois.com](http://www.iroquois.com)
- Recorded messages on our 800 hotline – (800) 253-5152
- Having staff available to answer any questions that may arise

## What the Community Can Expect

Upon receiving all necessary permits, construction activities for this project are expected to begin by the spring of 2023. These activities will include mobilization of personnel and equipment, site preparation, and installation and testing of new compressor and gas cooling facilities. Construction should be completed by November 1, 2023.

## Contact

Your questions and comments are important to us. For more information, please email us at [excproject@iroquois.com](mailto:excproject@iroquois.com) or contact:

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203-925-7209

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**Iroquois Toll-Free Landowner Hotline: 1-800-253-5152**