

New York Facilities System Overview Presentation

Electric /Gas Coordination Meeting
For NYISO March 5,2012

New York Facilities System

Who We Are

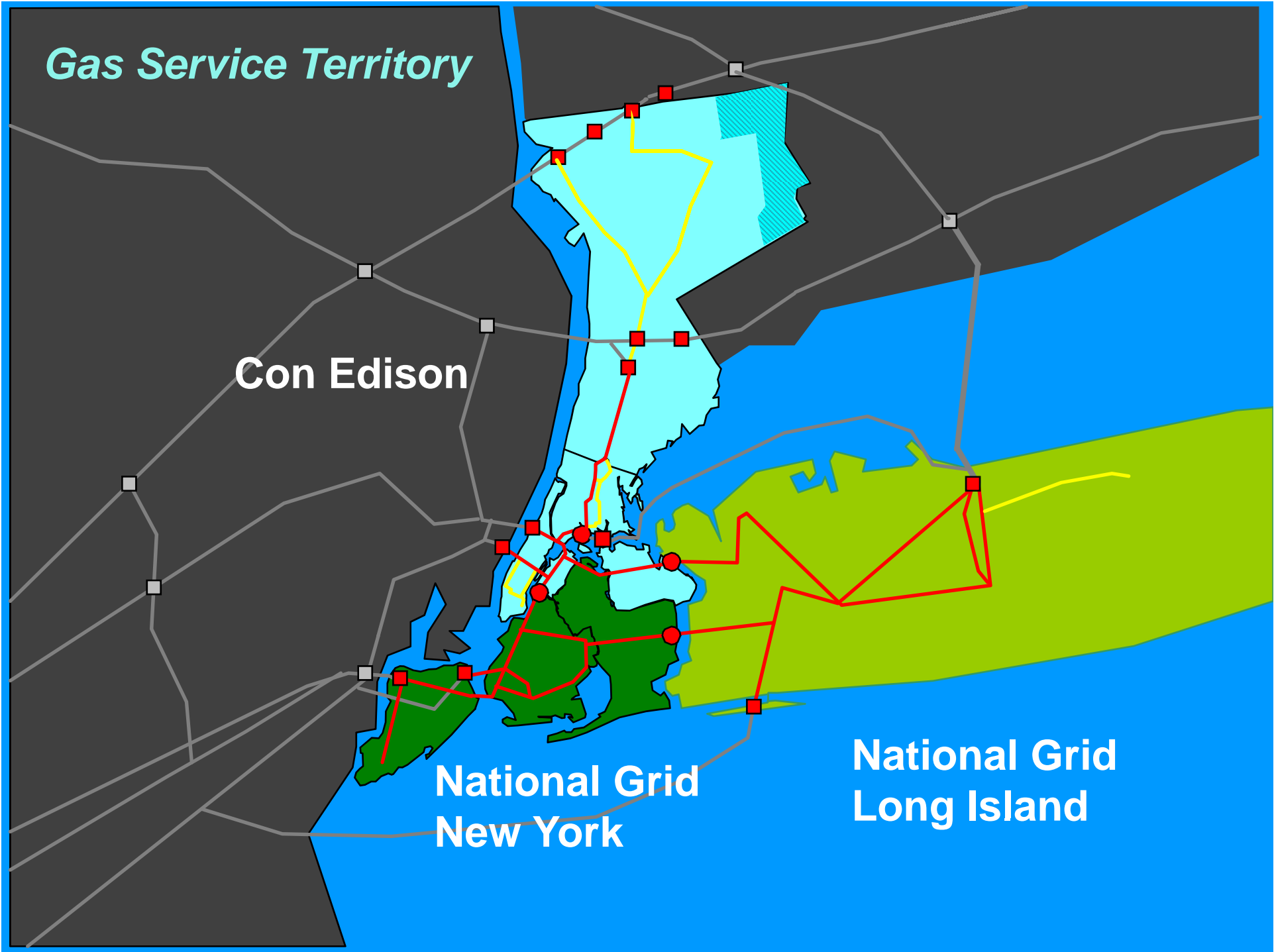
- Consolidated Edison
- National Grid - New York
- National Grid - Long Island

Gas Service Territory

Con Edison

**National Grid
New York**

**National Grid
Long Island**



New York Facilities Background

- 1947 - Transco files with Federal Power Commission (FPC)
 - 1840 miles
 - 26” diameter pipeline
- Project Approved in 1948
 - 500 pipeline miles installed by 1949
- Original NYF Agreement in 1949
 - LDC’s installed 38 miles
- FPC found proposed NYF will form an integrated pipe-line system and were subject to its jurisdiction
 - Will be natural-gas companies within the meaning of the Natural Gas Act

New York Facilities Background

- In 1954, the local distribution companies received an exemption from regulations pursuant to the Natural Gas Act
 - Primarily activities were in intrastate commerce – Hinshaw Pipeline
- NYF Statistics:
 - 2.9 million gas customers
 - Peak day design capacity of 3.6 MMDTH
 - Over 200 miles of transmission main
 - 629 MMDTH annual throughput

New York Facilities Organization

- Executive committee
 - Oversee committees
 - Final approval
- Supply committee
 - Policy
 - Capacity allocations
- Operating committee
 - Day to day operations
 - Capacity availability
- Design committee
 - Budget
 - Capacity analysis
 - Minimum flow req.
- Accounting sub.com.
 - Record keeping
 - Accounting

New York Facilities System

Who owns it and What's its purpose

- Severally constructed
- Severally owned
- Severally operated
- Designed to meet requirements of firm gas customers
- Receive gas for ourselves, each other and third party shippers behind our gates



New York Facilities

Con Edison

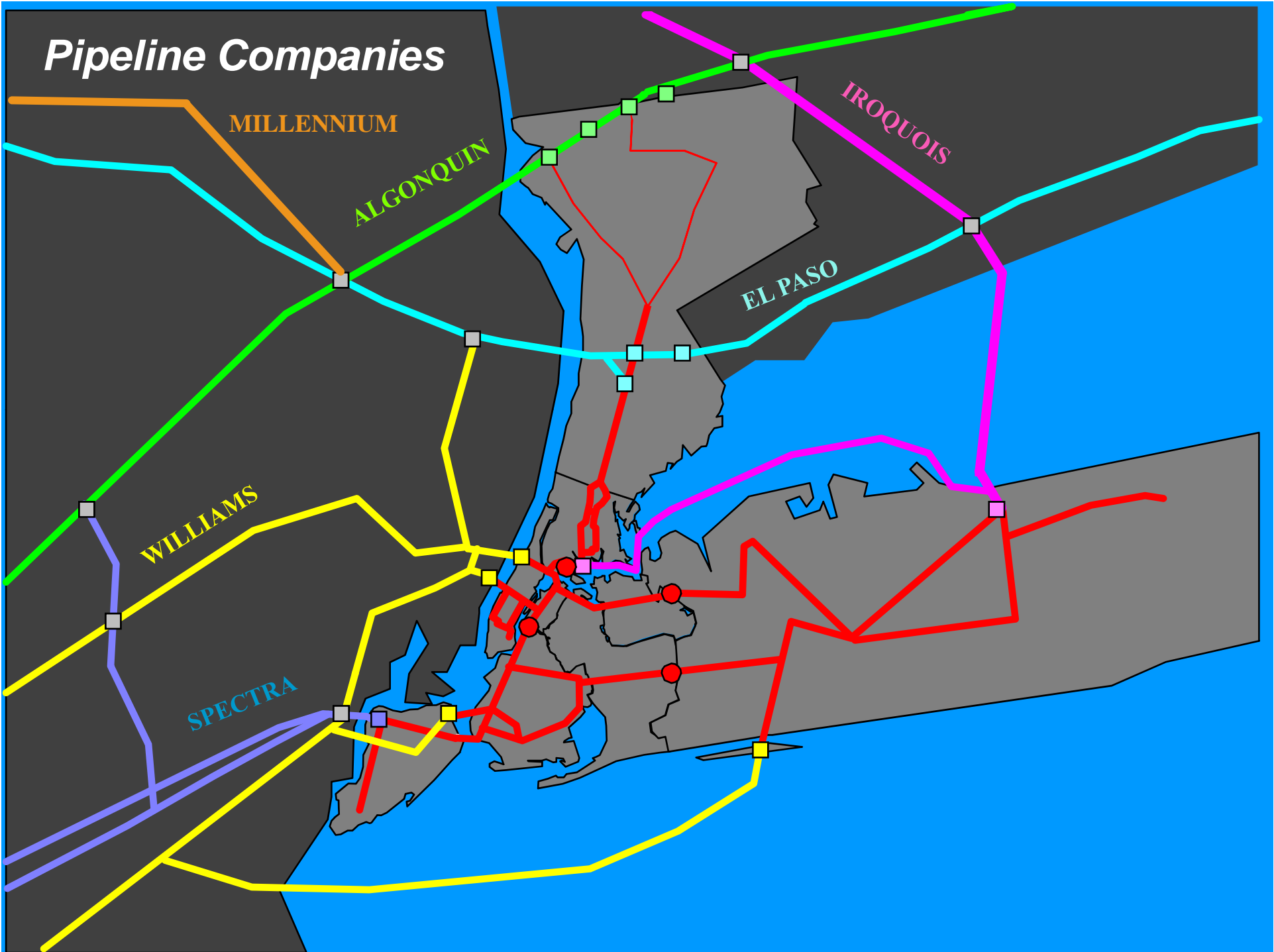
National Grid
New York

National Grid
Long Island

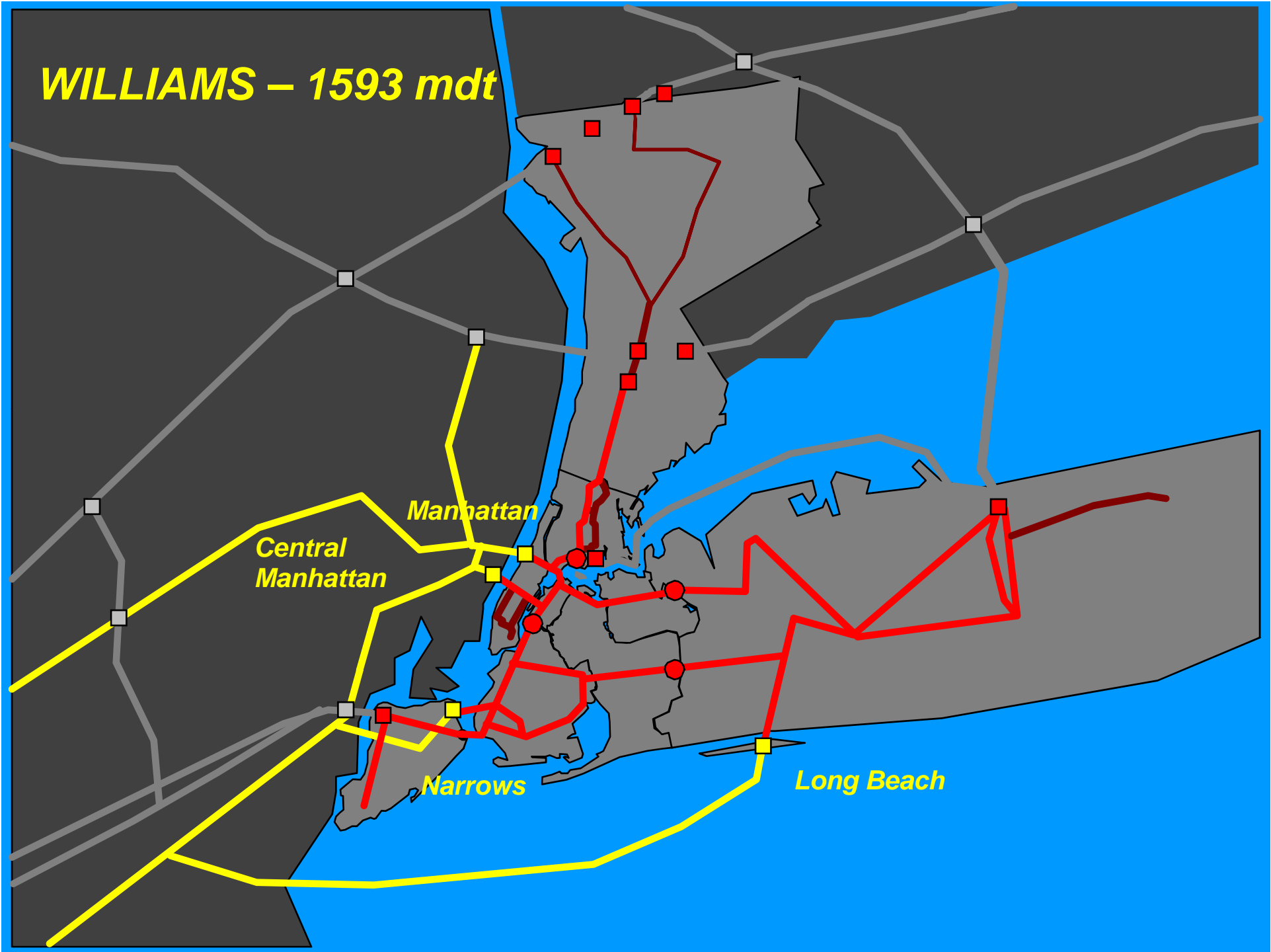
New York Facilities City Gate Deliveries

- Firm
 - Residential
 - Space Heating
 - Non- Space Heating
 - Commercial/ Industrial
 - Space Heating
 - Non - Space Heating
- Non - Firm
 - Temperature Controlled
 - Interruptible
 - Power Generation
 - 30 Day Interruptible
 - Negotiated Contract
 - Fully Interruptible

Pipeline Companies



WILLIAMS – 1593 mdt



**Central
Manhattan**

Manhattan

Narrows

Long Beach

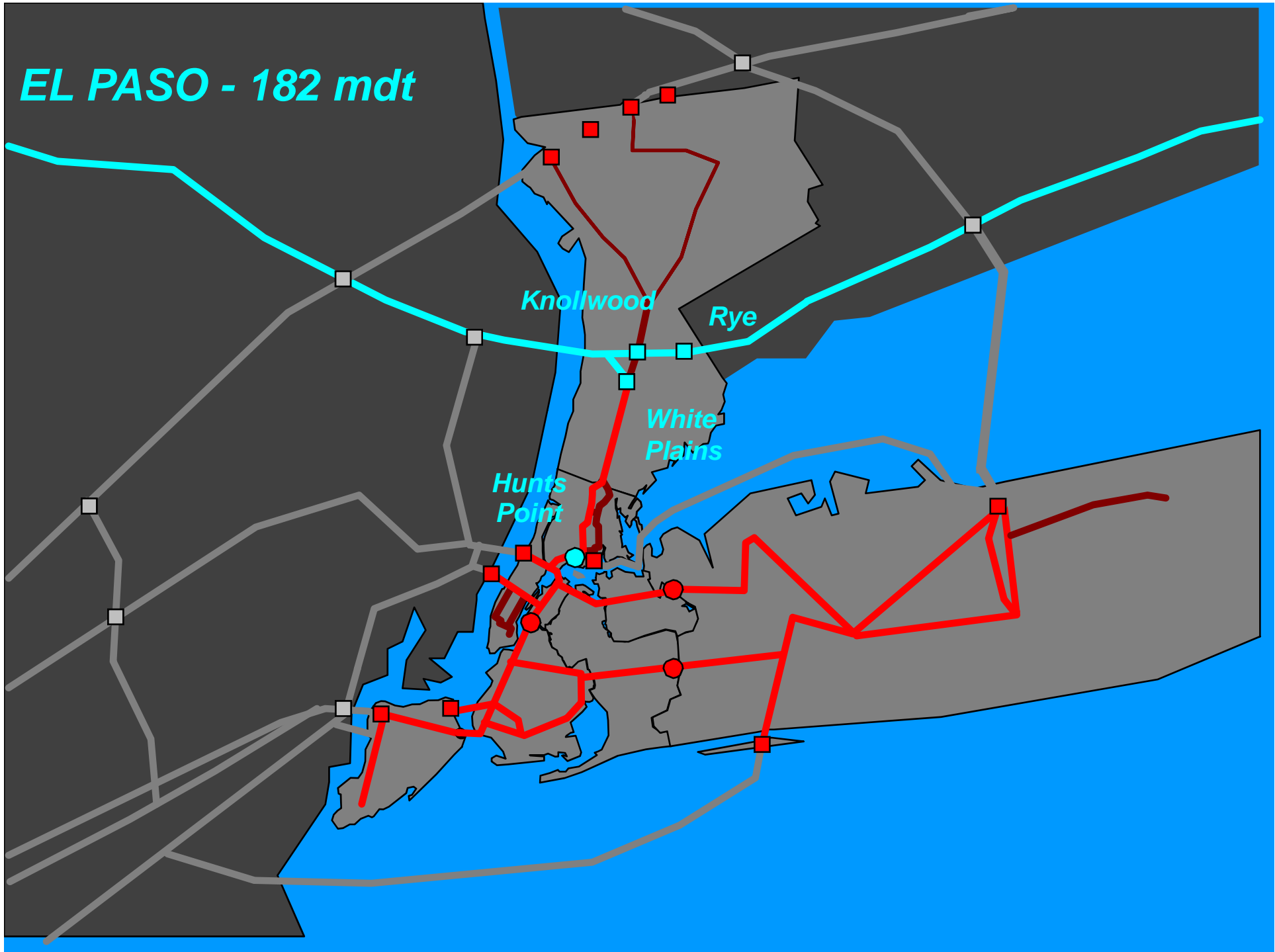
EL PASO - 182 mdt

Knollwood

Rye

White Plains

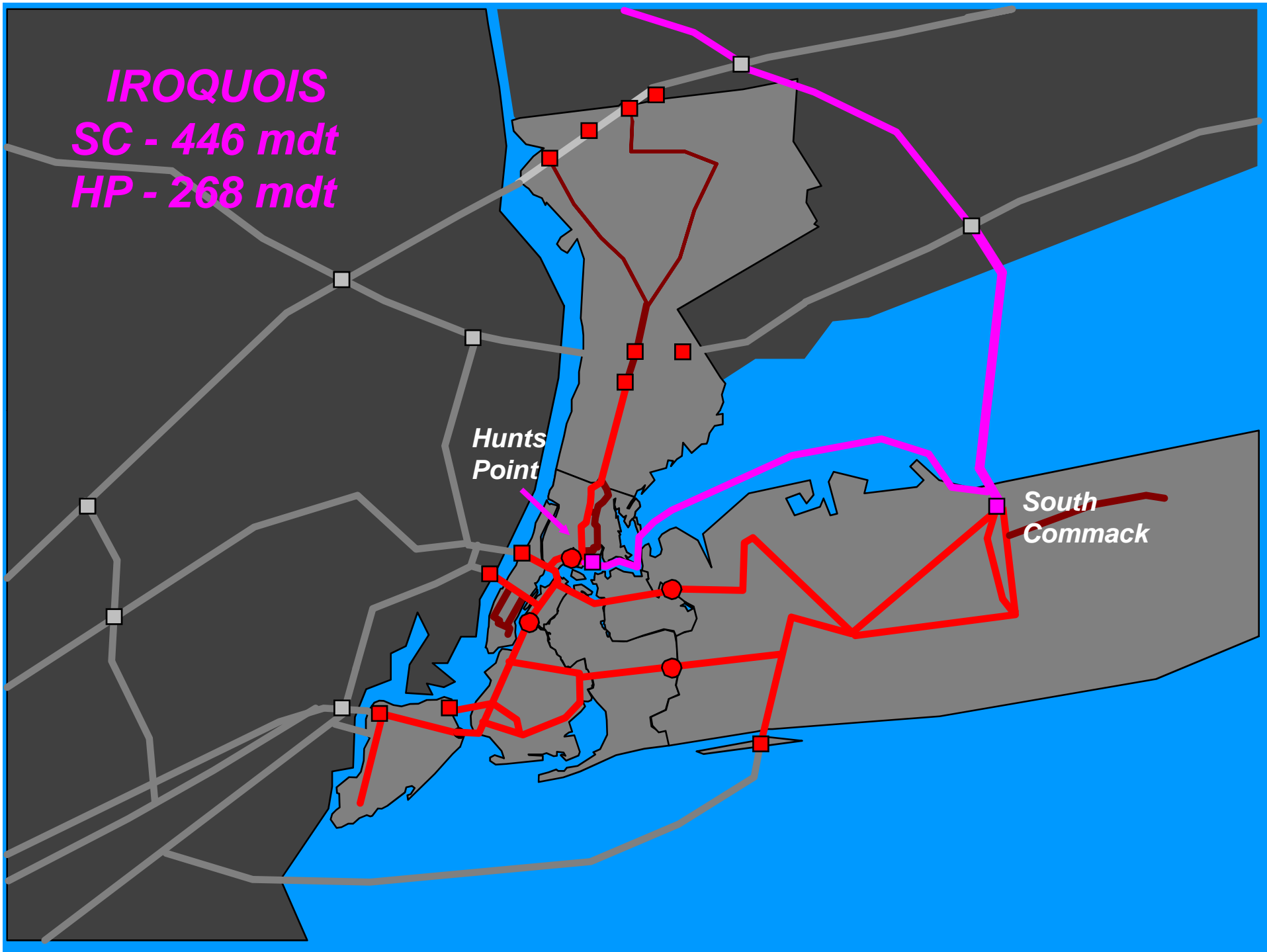
Hunts Point



IROQUOIS
SC - 446 mdt
HP - 268 mdt

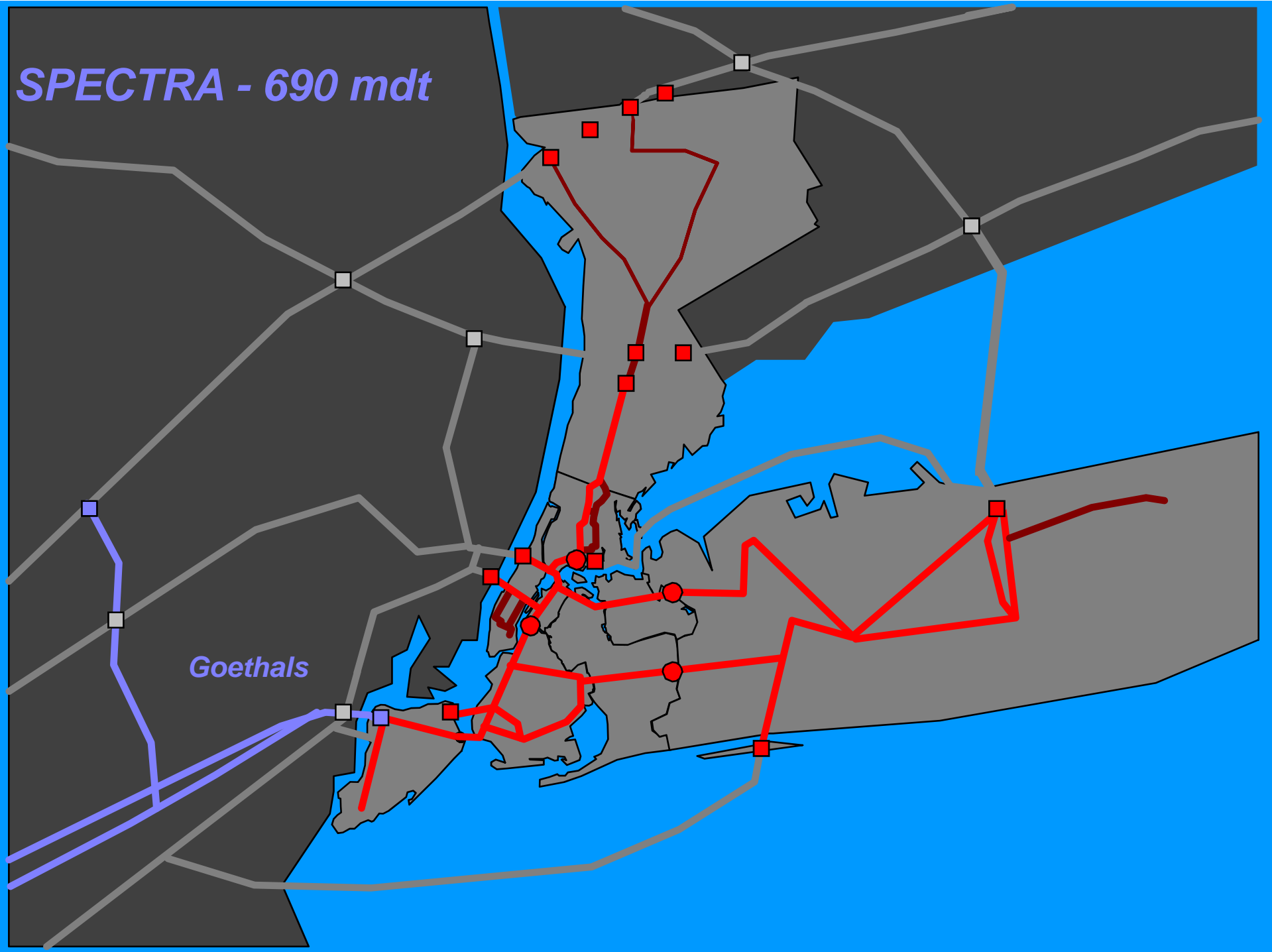
**Hunts
Point**

**South
Commack**



SPECTRA - 690 mdt

Goethals



New York Facilities

Total Pipeline Entitlement

Pipeline	New York	Con Ed	Long Island
Williams	40 %	29 %	31 %
El Paso	32 %	64 %	4 %
Spectra	45 %	30 %	25 %
Iroquois SC	45 %	11 %	44 %
HP	4 %	93 %	3 %

New York Facilities Communication Process

- NYF Gas Control Groups Communicate with the Various Pipelines Connected to the NYF System and Adjust the Daily Gate Capacity Availability as Needed
- Each of the Member Companies Will Adjust Daily Gate Capacity Availability to Reflect System Conditions
- During Abnormal Operating Conditions as a result of Pipeline Operations and/or Extreme Weather Conditions, Member Companies Conduct Conference Calls with Interstate Pipelines to Review Actions Required

New York Facilities

Abnormal System Conditions

- Member Companies Issue Notifications:
 - System Alerts and Operational Flow Orders (OFO)
 - Daily Balancing and/or Hourly Limitations
 - To: Marketers Serving Interruptible Customers, and/or
 - Electric & Steam Generators (including their fuel managers)
- Under Communication Protocols Notices are also provided to: DPS Staff, NYISO, and Electric System Operators
- Interruptions of Interruptible Customers May also be Required to Maintain Continuity of Service to Firm Customers
- Additionally, Member Companies May utilize in-Service Area LNG to Support Firm Customer Requirements