

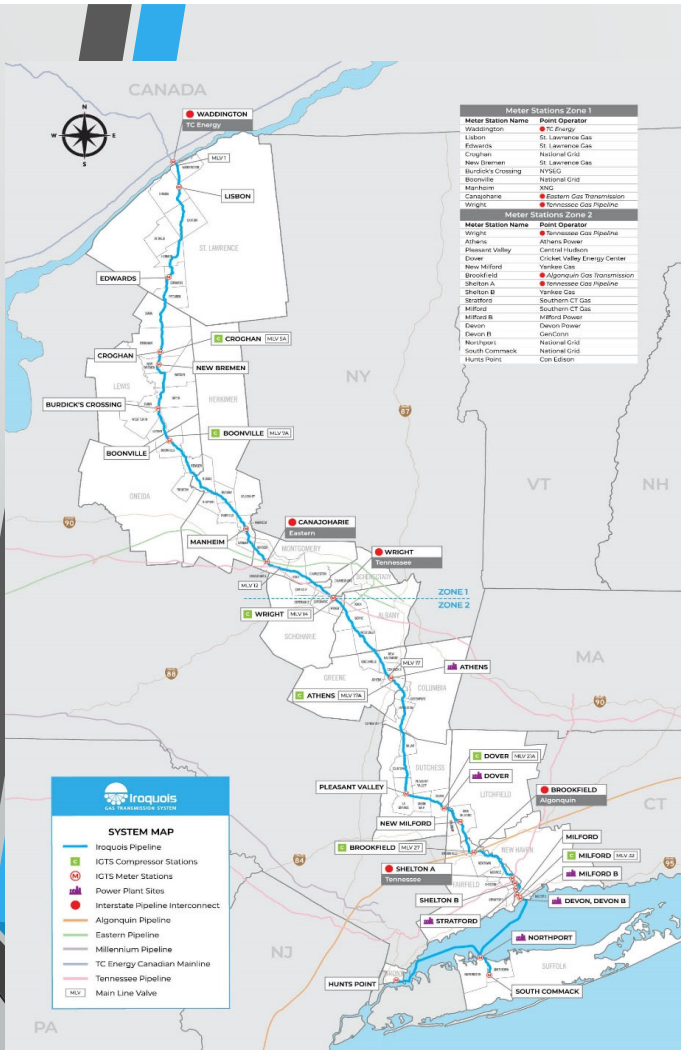


# **IROQUOIS GAS TRANSMISSION SYSTEM, L.P.**

2021 Northeast Gas Association  
Pre-Winter Briefing

November 15, 2021

Christopher K. Stutz, MLS – Chief System Controller



### Ownership

- BHE GT&S LLC = 50%
- TC Energy = 50%

### Commenced Operations in 1991

- Headquarters in Shelton, CT
- 84 FT employees
- 24/7 In-house Gas Control monitoring
- Remote operated valve sites, meters and compressor stations
- Extensive aerial, ground, and "in-line" inspection programs

### Primary Markets

- LI
- NYC
- CT

### Design Receipt Capacity (Bcf/d)

- TC = 1.20
- XNG = 0.05
- EGT&S = 0.09
- AGT = 0.41

### Piping

- 414-mile of 30" and 24" pipeline
- MAOP = 1440 psig

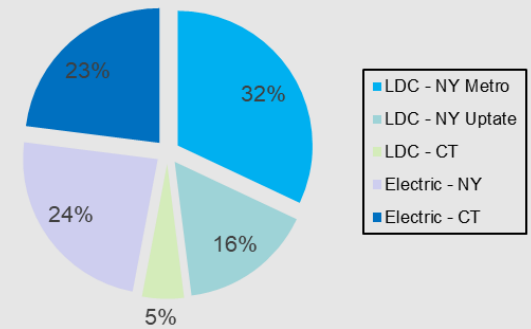
### Pipeline Interconnects

- TC Energy
- EGT&S
- TGP (200 and 300 lines)
- AGT

### Compressor Stations

- 7 sites
- 115,900 HP

Physical Deliveries by Customer Segment



## Gas Control, Scheduling & System Operations



John Esposito



Duane Jones



Christopher  
Stutz



Jenn Kosich



Porsche Edmundson



Alicia Gilbert



Gordon Bennett



Robert Rodriguez



Bill Truini



Michael Cruz

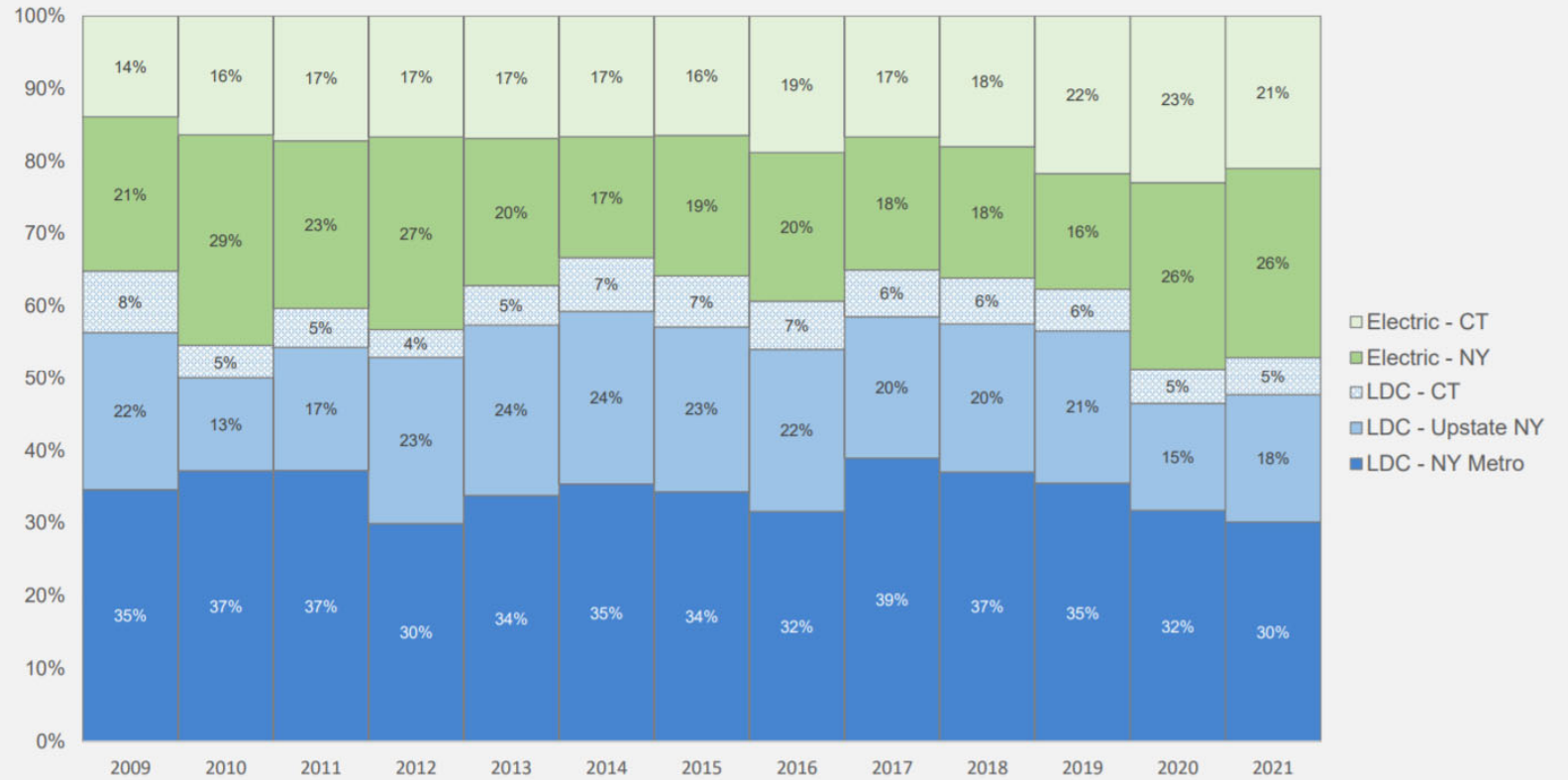
# Historical Peak Day/Physical

	Location	Dt/d	Date
Supply	Waddington	1,221,545	2/6/15
	Canajoharie	130,808	03/01/19
	Brookfield	432,790	11/07/17
	Waddington/Canajoharie/Brookfield	1,554,129	3/6/19
TGP	Wright TGP	410,471	3/3/16
	Wright & Shelton TGP	509,128	3/3/16
NYF System	South Commack	563,262	2/14/16
	Hunts Point	356,830	1/20/09
	Northport	288,371	06/29/21
Total Physical Deliveries – All Meters		1,564,045	3/6/19

# CoVid-19 Pandemic Operations

- Gas Control Almost Back to Normal
  - One working out of back up site
  - Four working out of Primary site
  - Continue to maintain “isolation” Gas Control Rooms
- Rest of Iroquois
  - Work from home Fridays/in office rest of the week

# Physical Delivery Locations



# Maintenance & Summer Operations

## Maintenance Completed

- Brookfield A2 and Croghan A2 change outs
- All compressor station annual maintenance and upgrades
- In-line inspections for Athens lateral

## Summer Operations

- At capacity at Brookfield AGT interconnect
- TC Energy/Waddington interconnect utilized on warmer days
- Near or at capacity through 17A

## Compressor Fleet Metrics

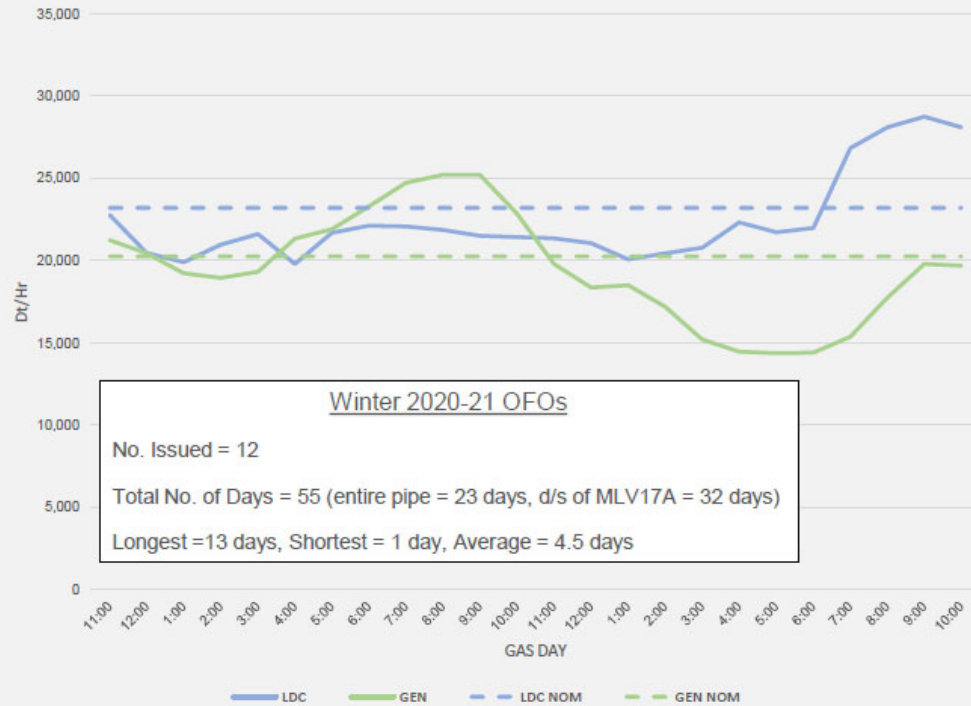
- 2020 fleet run time was 30% with 99.5% reliability
- 2021 YTD fleet run time is 39% with 99.7% reliability

## Notable Changes

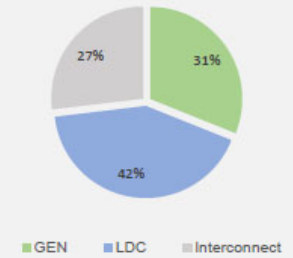
- TGP Wright delivery capability increase (410 to 488 MDt/d)
- Coalescent Filter EGT&S Interconnect



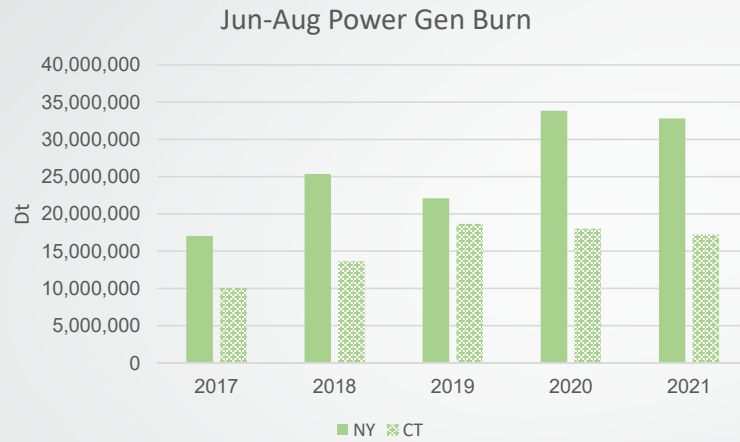
# LDC and Power Gen Hour Load - January 7, 2021



Dec-Feb 2020-2021 – Market Breakdown







#### Summer 2021 OFOs

No. Issued = 5

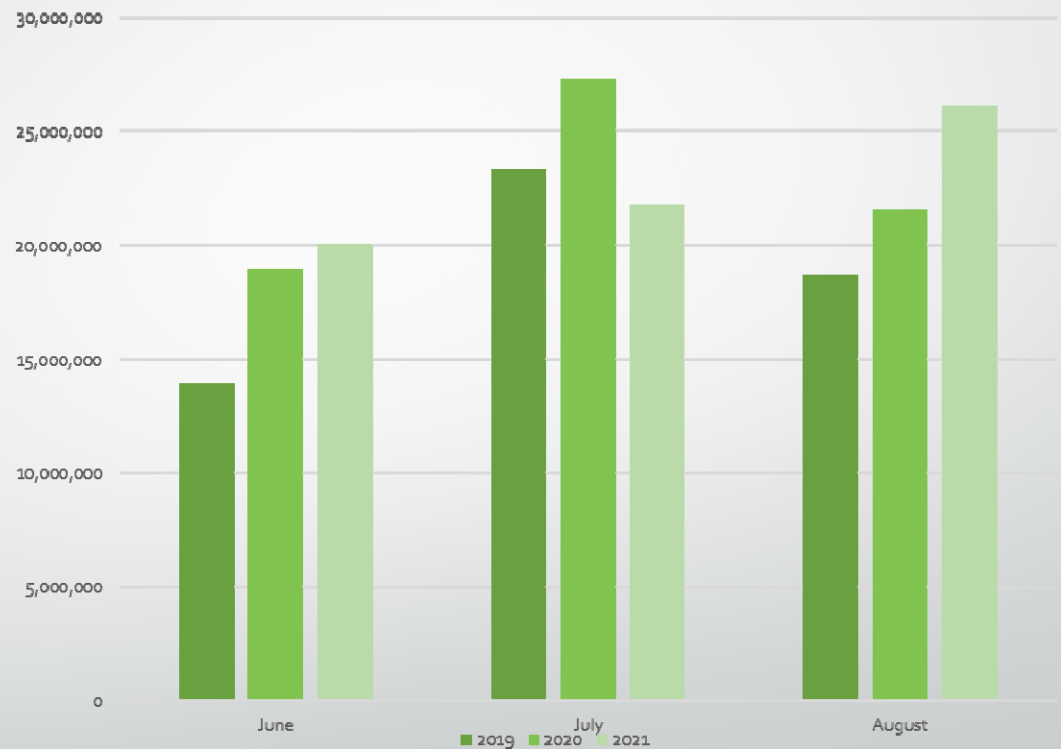
Total Days = 14 (entire Zone 2)

Longest = 4 days, Shortest = 1 day, Average = 3 days

## Zone 2 Summer Generation Loads

- Days over a Bcf: 2019-0, 2020-5, 2021-11
- Near or at capacity MLV 17A on Hot Days
- OFO's becoming more frequent

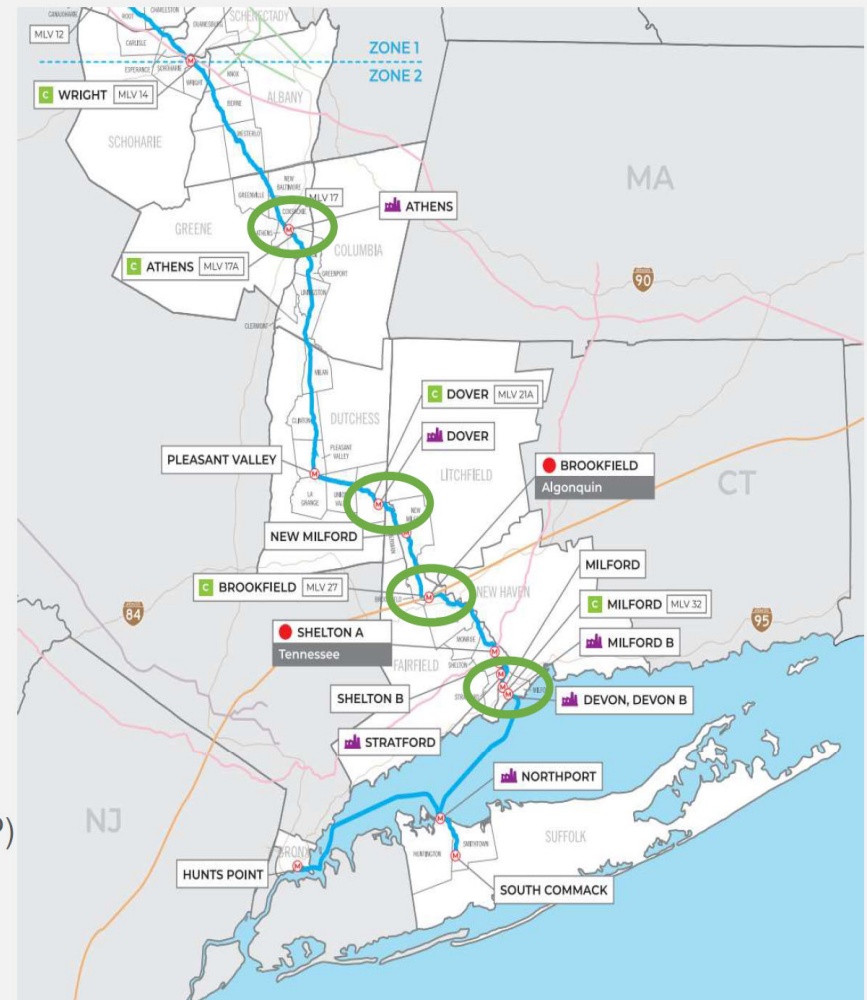
3 Year Monthly Gas Usage (Dth)





# ExC Project Overview

- Receipt Point – Waddington
- Delivery Point
  - South Commack
  - Hunts Point
- MDQ = 125,000 Dth/d
- Shippers
  - National Grid (62,500 Dth/d)
  - Con Edison (62,500 Dth/d)
- NY & CT Facilities
  - Athens – Solar T-70 Compressor (~11,000 HP)
  - Dover – Solar T-70 Compressor (~11,000 HP)
  - Brookfield – 2 Solar T-70 Compressors (~22,000 HP)
  - Milford – Cooling only on Existing Compressors



# Summary

- Continued Safe Reliable Operations
  - Split Control Rooms as needed and Teams
  - Scheduling and Gas Control support unchanged
- Summer Maintenance Completed.
- Summer Operations
  - Increased zone 2 due to generation loads
  - Sealed though MLV 17A on peak days
- Winter Operations
  - Fully Subscribed
  - Monitor EBB for Restrictions/OFO's
  - Nominate Timely Cycle

Thank you

For further questions:

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