



*National Fuel*<sup>®</sup>

## Empire Pipeline

Spring 2022 NGA  
Presentation

# System Overview

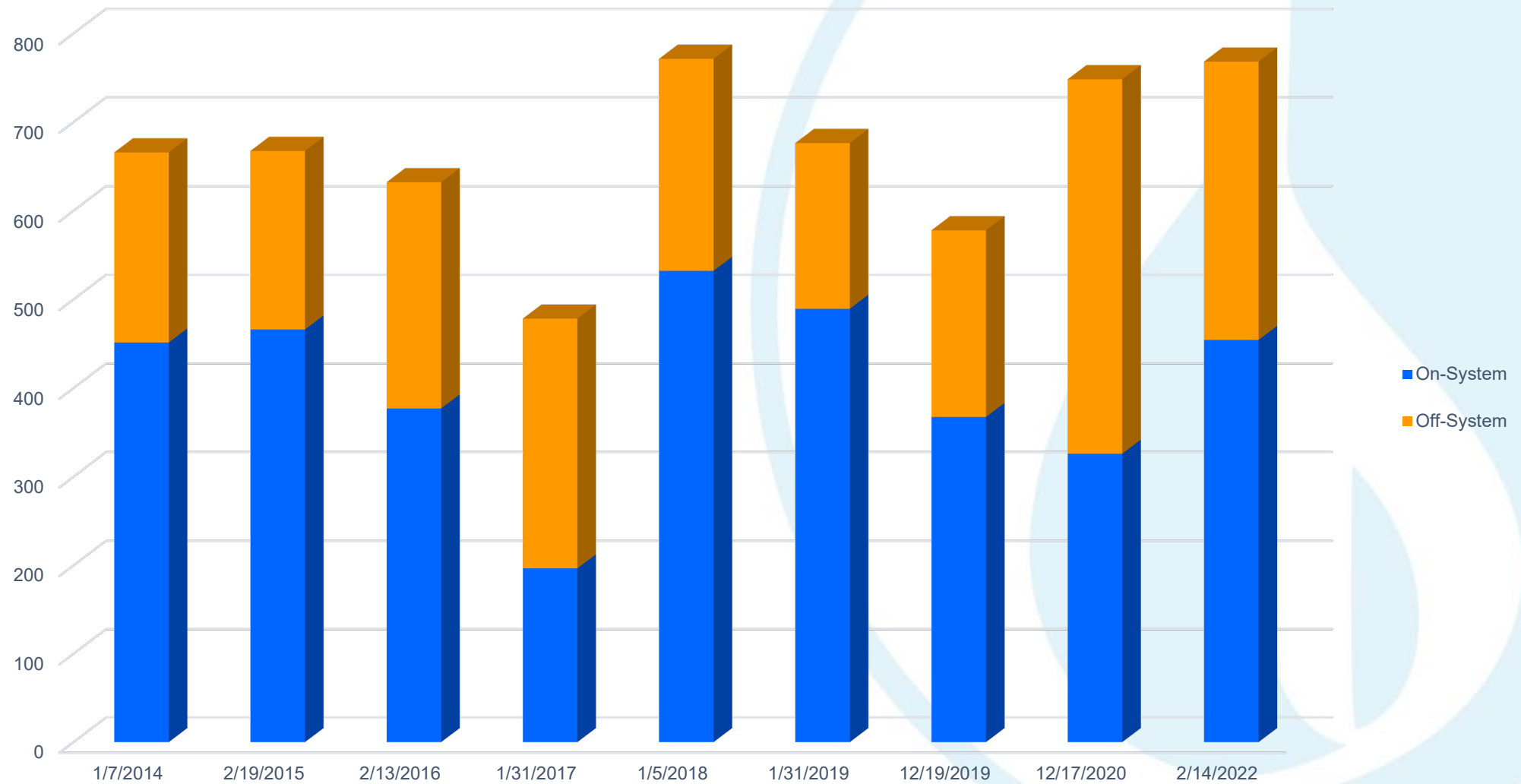
The background is a solid blue color. On the right side, there are several overlapping, semi-transparent white and light blue shapes that resemble stylized leaves or abstract organic forms. A large, faint white circle is also visible, partially overlapping these shapes.

# Spring 2022 Empire System Overview

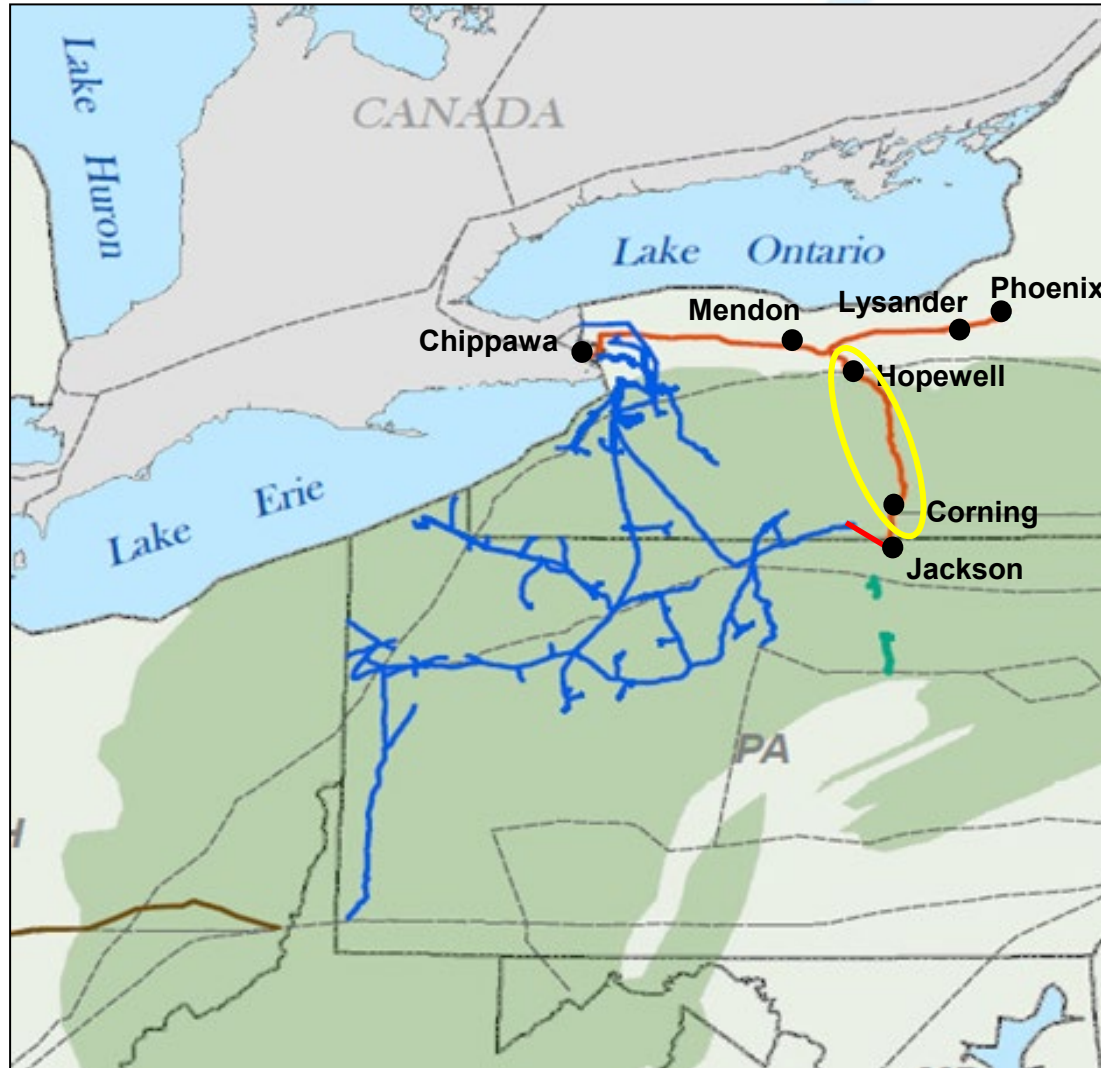
## Weather and Throughput Statistics

- Winter Operations 10/1/21-3/31/22
- Peak Day Throughput 2/14/2022 746 mmcf Total  
197 mmcf Power Gen
- Peak Day Degree Day 2/14/2022 50
- Average Degree Day 2021-2022 30
- Average Degree Day 2020-2021 30
- Normal Degree Day 34
- Throughput 10/1/21-3/31/22 138 BCF

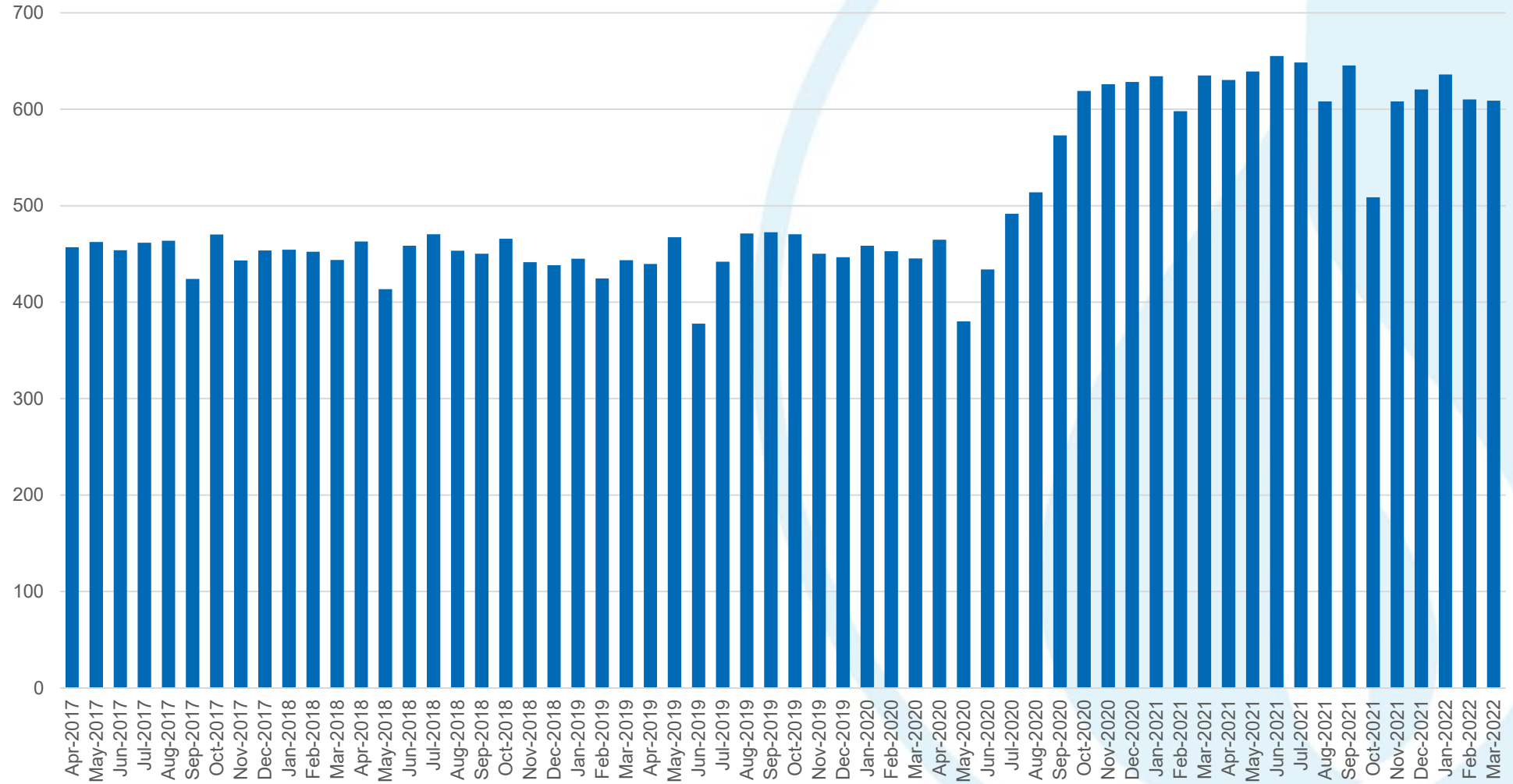
# Empire Peak Day Deliveries (MDth)



# Empire Connector South to North

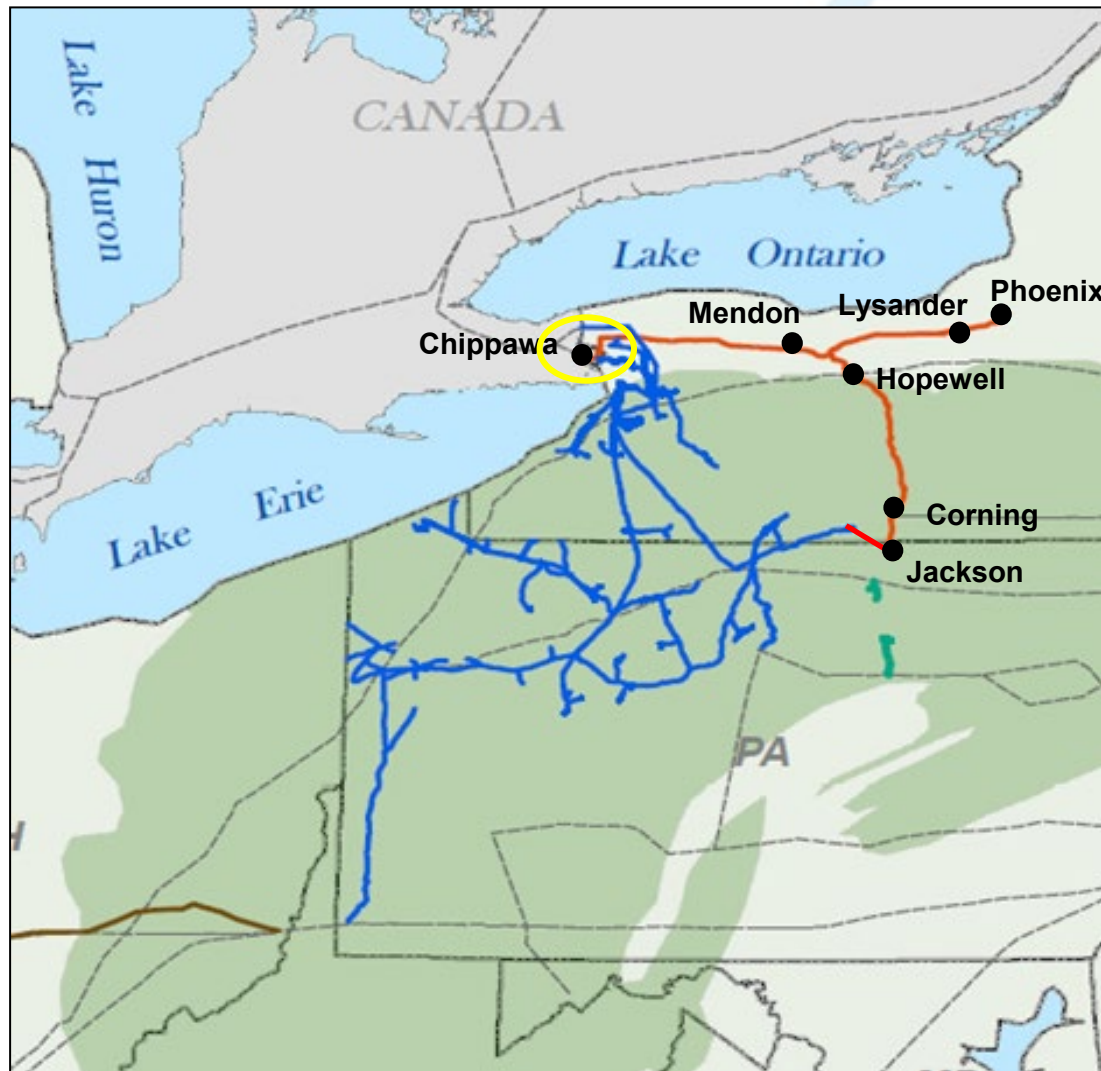


# Empire Connector South to North

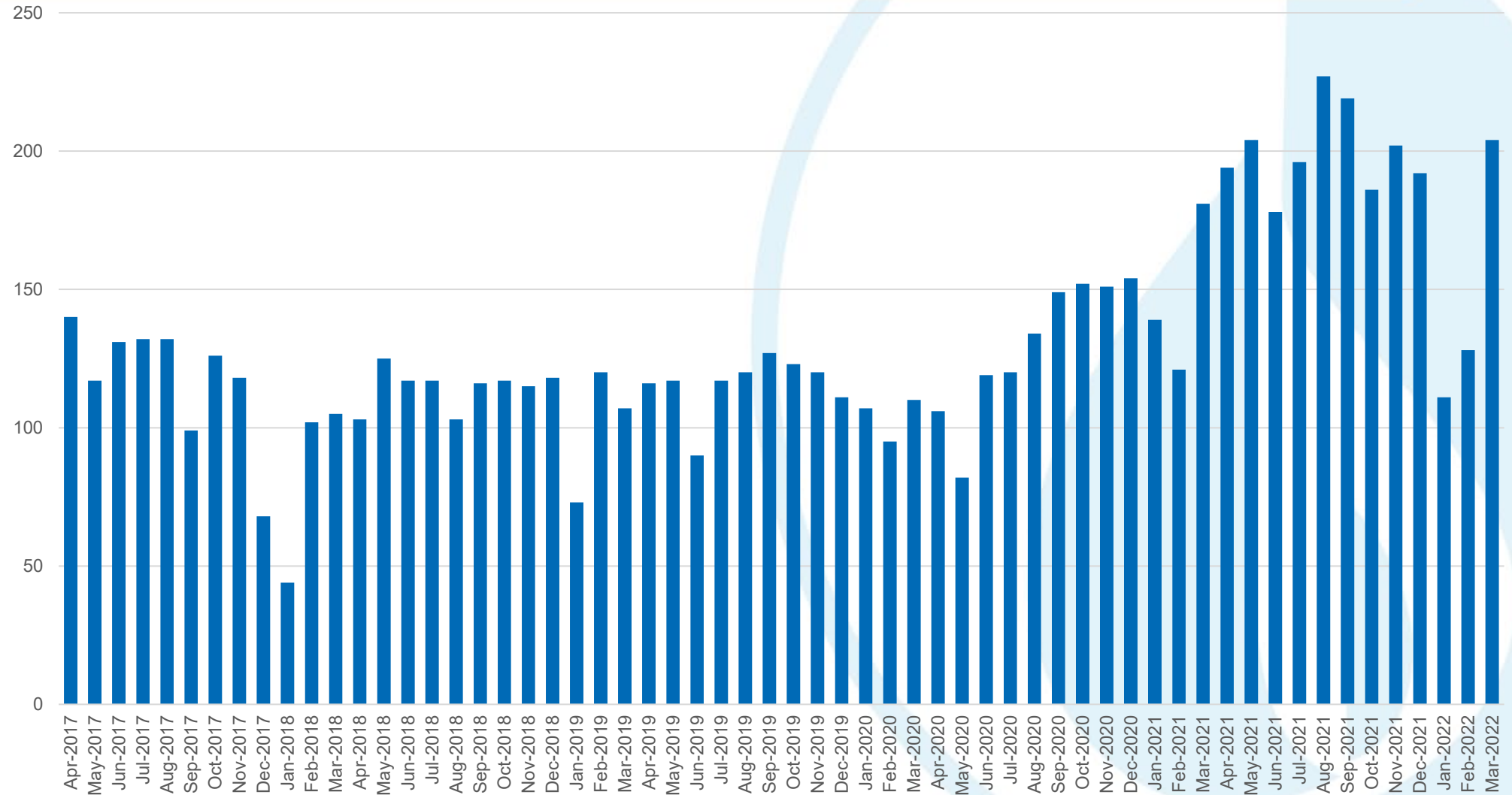


Average Daily Scheduled by Month (MDth)

# Chippawa: Delivery to TC Energy



# Chippawa: Delivery to TC Energy



Average Daily Net Scheduled Deliveries (-Receipts) by Month (MDth)



# 2022 Construction and Maintenance

# Construction and Maintenance Schedule

## EMPIRE PIPELINE

### 2022 Construction and Maintenance Schedule

Effective Date: 2/17/22

Project	Description	Start Date	End Date	Duration (Days)	Location	Impact	Expected Service Level Impact
Phoenix Sithe Flow Controller Upgrades	Facility upgrades	TBD	TBD	1-2	Phoenix Station - Sithe	Backup flow controller out of service. No impact expected.	None
Empire East ILI	Integrity assessment	Aug 2022	Aug 2022	4	Empire East	Potential curtailment of deliveries to Phoenix Line 53 - Sithe (012002010) and Phoenix Line 39 - Ni Mo (012002020).	Firm