



National Fuel[®]

National Fuel Gas Supply

Spring 2021 NGA
Presentation

System Overview

Spring 2021 NFGSC System Overview

Weather and Throughput Statistics

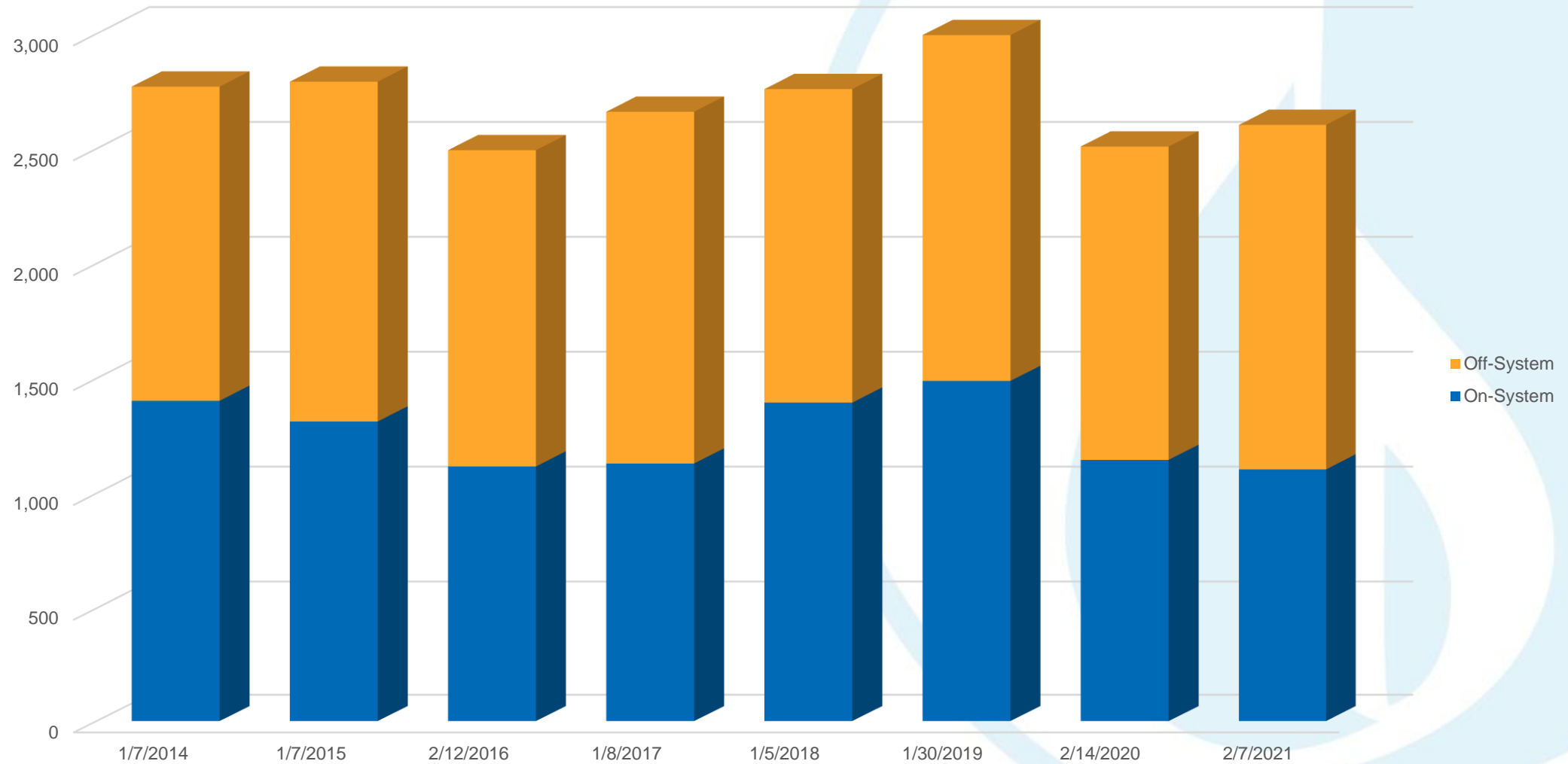
- Winter Operations 10/1/20-3/31/21
- Peak Day Throughput 2/7/21 2,528 MMCF
- Peak Day Degree Day 2/7/21 49
- Average Degree Day 2020-2021 30
- Average Degree Day 2019-2020 30
- Normal Degree Day 34
- Throughput 10/1/20-3/31/21 297 BCF

Spring 2021 NFGSC System Overview

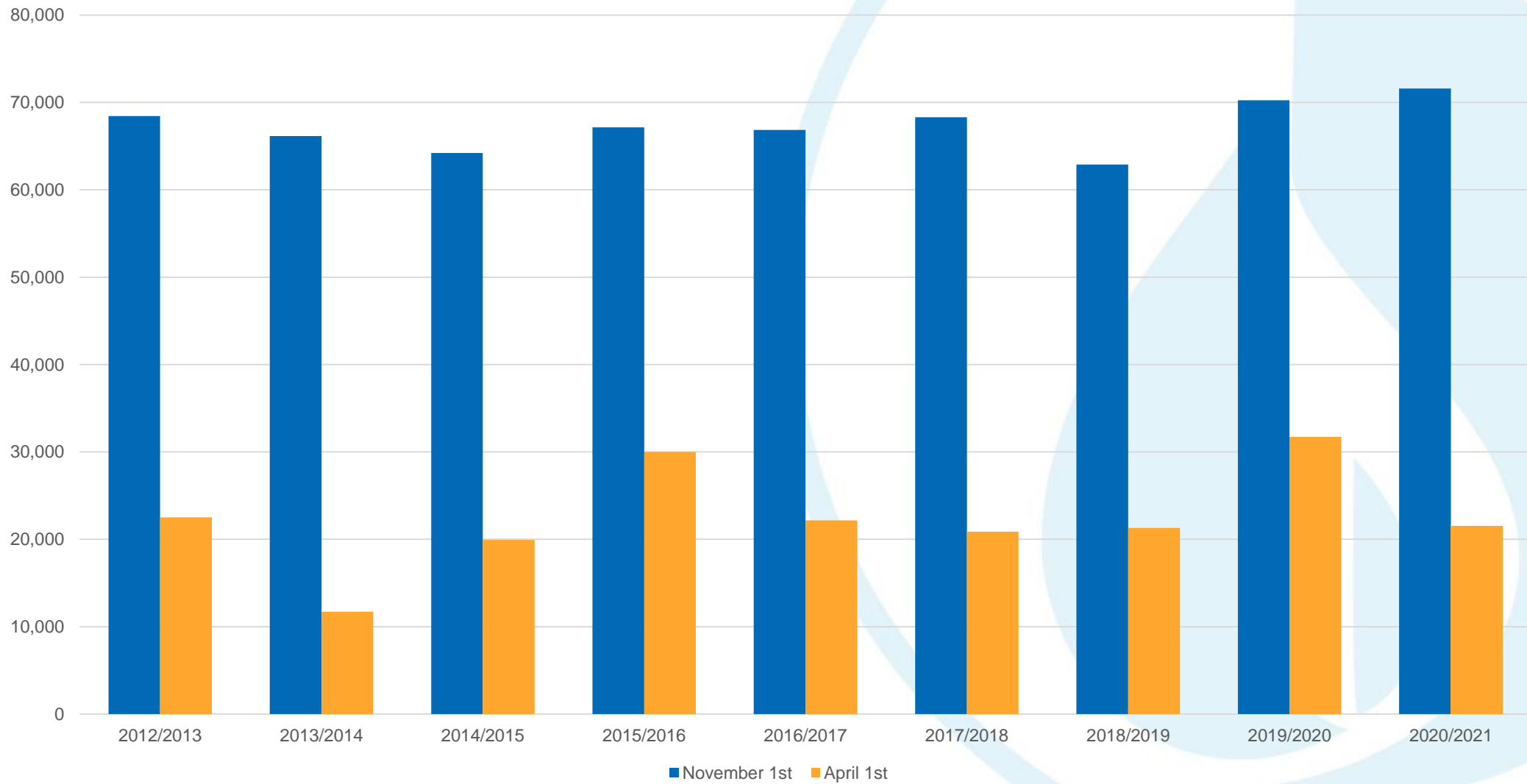
Storage Activities

• Top Gas Capacity	77.2 BCF
• Starting Top Gas 10/1/20	71.6 BCF
• Withdrawn through 3/31/21	50.1 BCF
• Top Gas 3/31/21	21.5 BCF

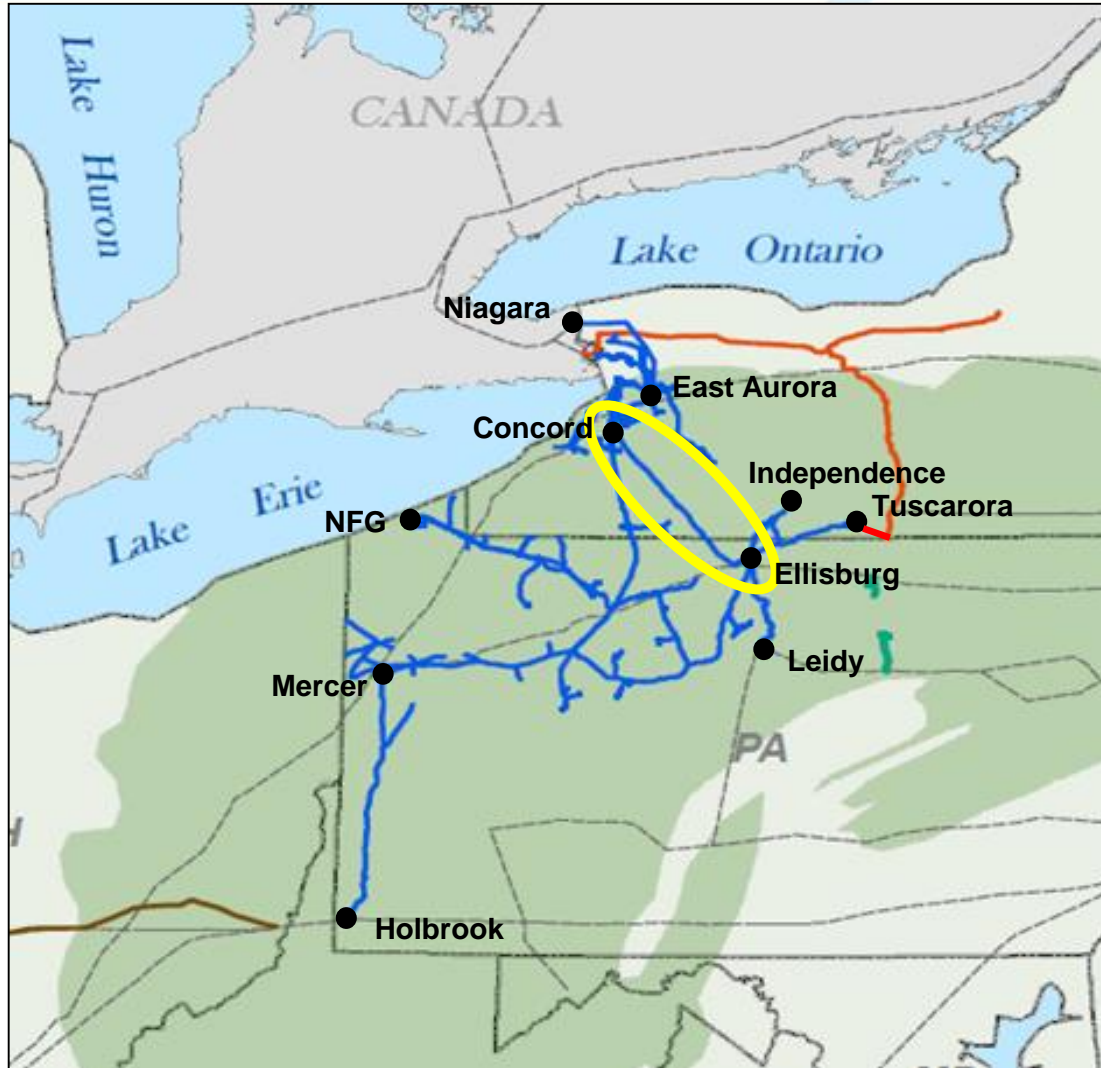
NFGSC Peak Day Deliveries (MDth)



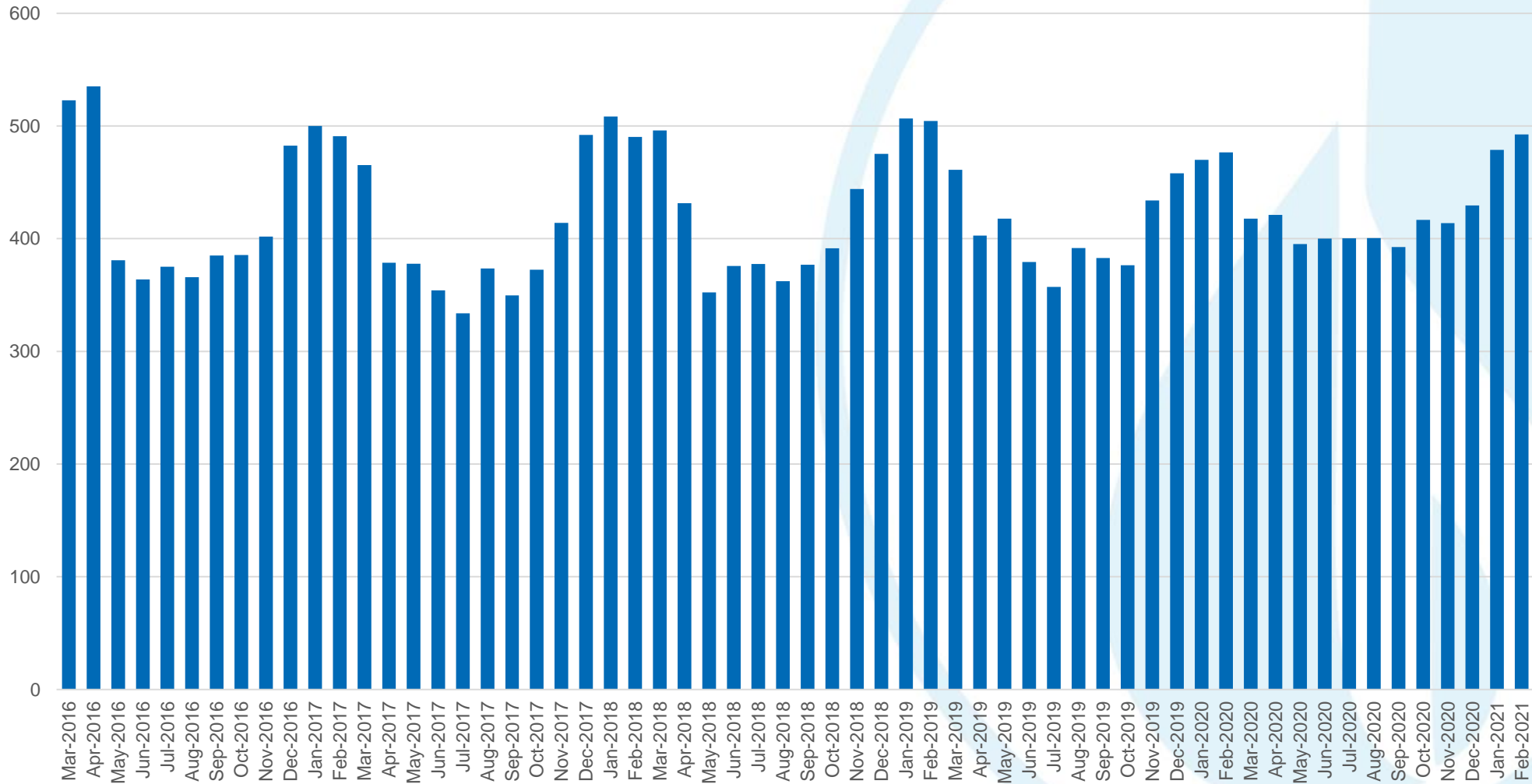
NFGSC Top Gas Storage Inventory (MMCF)



NFGSC Line X South to North



NFGSC Line X South to North



Average Daily Scheduled by Month (MDth)

2021 Construction and Maintenance

Construction and Maintenance Schedule

NATIONAL FUEL GAS SUPPLY

2021 Construction and Maintenance Schedule

Effective Date: 2/17/21

Company	Project	Description	Start Date	End Date	Duration (Days)	Location	Impact	Expected Service Level Impact
Supply	Line EE17 Hydrotest & Remediations	Hydrotest and pipeline replacement	04/13/21	05/07/21	25	Line EE17	Olean-area delivery points unavailable. Critical notice ID 669862.	Firm
Supply	XS/XE ILI	Integrity assessment	04/21/21	04/29/21	4	Lines XS & XE	Concord Station S to N constraint reduced, primary services curtailed. Critical notice ID 697925.	Firm
Supply	Ellisburg Secondary Fuel Gas Feed - Z20	Station upgrades	May 2021	May 2021	TBD	Ellisburg Station, Line Z20	Tuscarora receipts and deliveries limited to primary only.	Non-Firm
Supply	UNY ILI Improvements	ILI improvements	05/03/21	05/12/21	10	Line UNY	Between XN and Vicksburg station - receipts from DTI RQ Points limited, deliveries to NFGDC-NY affected. Critical Notice ID 667892.	Firm
Supply	UNY ILI	Integrity assessment	06/01/21	06/17/21	3	Line UNY	Receipts from DTI RQ Points unavailable.	Firm
Supply	Line L Pressure Test	Integrity assessment	06/01/21	06/30/21	30	Line L	Production shut in.	Non-Firm
Supply	YM58 to YM224 Tie-In - FM100 Project	New pipeline construction and tie-in to existing pipeline under FM100 Project (CP19-491-000)	06/15/21	06/17/21	3	Ellisburg Station, Line YM224	Line X system outage. Concord Station S to N constraint reduced to zero.	Firm

Construction and Maintenance Schedule

Company	Project	Description	Start Date	End Date	Duration (Days)	Location	Impact	Expected Service Level Impact
Supply	Porterville Modernization Phase III	Station upgrades	Summer 2021	Summer 2021	TBD	Porterville Station	Receipts from DTI RQ Points unavailable. Receipts from Pendleton and Deliveries to NFGDC-XM8 affected.	Firm
Supply	Pekin Station Upgrades	Station upgrades	Jul 2021	Jul 2021	TBD	Pekin Station	Pekin receipts unavailable	Firm
Supply	Hartzfelt Mtn Station Upgrades	Station upgrades	Jul/Aug 2021	Jul/Aug 2021	TBD	Hartzfelt Station	Hartzfelt receipts unavailable	Non-Firm
Supply	Leidy Transco Interconnect - FM100 Project	Station upgrades under FM100 Project (CP19-491-000)	Jul/Aug 2021	Jul/Aug 2021	14	Leidy Station	Leidy receipts and deliveries unavailable	Firm
Supply	UNY Harris Hill to Gunnville Replacement	Pipeline replacement	07/19/21	09/20/21	64	Line UNY	Between XN and Vicksburg station - receipts from DTI RQ Points limited.	Firm
Supply	Ellisburg ESD RCV Replacement Project	Station upgrades	Aug 2021	Aug 2021	5	Ellisburg Station, Line YM53	Leidy receipts and deliveries unavailable, App Zone 6 receipts unavailable	Firm
Supply	N-12 Ellwood City OPP Station	New regulator station	08/01/21	08/15/21	15	Line N12	Deliveries to PNGCG from Line N12 limited	Non-Firm
Supply	NM45/S2T ILI	Integrity assessment	09/01/21	09/30/21	3	Lines NM45 & S2T	Production shut in.	Non-Firm
Supply	Line M ILI Investigation Digs	Post ILI investigation digs	Sep 2021	Sep 2021	TBD	Line M	Line interruption possible but not expected	None
Supply	YM7/YM52 ILI Investigation Digs	Post ILI investigation digs	Sep 2021	Sep 2021	TBD	Lines YM7 & YM52	Line interruption possible but not expected	None

Construction and Maintenance Schedule

Company	Project	Description	Start Date	End Date	Duration (Days)	Location	Impact	Expected Service Level Impact
Supply	Tamarack Compressor Station - FM100 Project	New Tamarack compressor station construction and tie-in to Line YM53 under FM100 Project (CP19-491-000)	09/29/21	09/30/21	2	Line YM53	Leidy receipts and deliveries unavailable	Firm
Supply	KPA ILI Improvements	ILI improvements	TBD	TBD	TBD	Overbeck Station, Line KPA	Production at Overbeck shut in	Non-Firm
Supply	Gunnville Station Modernization - XN to UNY	Station upgrades	TBD	TBD	TBD	Line XN	XN Between Pendleton and Porterville. Non-firm receipts from Pendleton and deliveries to NFGDC-XM8 affected.	Non-Firm
Supply	FM100 Abandonment - FM100 Project	Pipeline abandonment under FM100 Project (CP19-491-000)	TBD	TBD	N/A	Line FM100	Abandonment of Line FM100	Non-Firm
Supply	Lewis Run Station CP Upgrades	Station upgrades	TBD	TBD	TBD	Line KPA	Lewis Run constraint limited to primary only	Non-Firm
Supply	Line UNY Post-ILI Replacements	Potential pipeline replacements following Line UNY ILI	TBD	TBD	TBD	Line UNY	Potential outage of Line UNY. Impact TBD.	TBD