



2021/2022 Winter Meeting

Williams

Date: Thursday, November 4th, 2021

Time: 1 – 3 PM Central

Forward-Looking Statements

- The reports, filings, and other public announcements of The Williams Companies, Inc. (Williams) may contain or incorporate by reference statements that do not directly or exclusively relate to historical facts. Such statements are “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1933, as amended (Securities Act), and Section 21E of the Securities Exchange Act of 1934, as amended (Exchange Act). These forward-looking statements relate to anticipated financial performance, management’s plans and objectives for future operations, business prospects, outcome of regulatory proceedings, market conditions, and other matters. We make these forward-looking statements in reliance on the safe harbor protections provided under the Private Securities Litigation Reform Act of 1995.
- All statements, other than statements of historical facts, included in this report that address activities, events, or developments that we expect, believe, or anticipate will exist or may occur in the future, are forward-looking statements. Forward-looking statements can be identified by various forms of words such as “anticipates,” “believes,” “seeks,” “could,” “may,” “should,” “continues,” “estimates,” “expects,” “forecasts,” “intends,” “might,” “goals,” “objectives,” “targets,” “planned,” “potential,” “projects,” “scheduled,” “will,” “assumes,” “guidance,” “outlook,” “in-service date,” or other similar expressions. These forward-looking statements are based on management’s beliefs and assumptions and on information currently available to management and include, among others, statements regarding:
 - Levels of dividends to Williams stockholders;
 - Future credit ratings of Williams and its affiliates;
 - Amounts and nature of future capital expenditures;
 - Expansion and growth of our business and operations;
 - Expected in-service dates for capital projects;
 - Financial condition and liquidity;
 - Business strategy;
 - Cash flow from operations or results of operations;
 - Seasonality of certain business components;
 - Natural gas, natural gas liquids, and crude oil prices, supply, and demand;
 - Demand for our services;
 - The impact of the coronavirus (COVID-19) pandemic.

Forward-Looking Statements (cont'd)

- **Forward-looking statements are based on numerous assumptions, uncertainties, and risks that could cause future events or results to be materially different from those stated or implied in this report. Many of the factors that will determine these results are beyond our ability to control or predict. Specific factors that could cause actual results to differ from results contemplated by the forward-looking statements include, among others, the following:**
 - Availability of supplies, market demand, and volatility of prices;
 - Development and rate of adoption of alternative energy sources;
 - The impact of existing and future laws and regulations, the regulatory environment, environmental matters, and litigation, as well as our ability to obtain necessary permits and approvals, and achieve favorable rate proceeding outcomes;
 - Our exposure to the credit risk of our customers and counterparties;
 - Our ability to acquire new businesses and assets and successfully integrate those operations and assets into existing businesses as well as successfully expand our facilities, and to consummate asset sales on acceptable terms;
 - Whether we are able to successfully identify, evaluate, and timely execute our capital projects and investment opportunities;
 - The strength and financial resources of our competitors and the effects of competition;
 - The amount of cash distributions from and capital requirements of our investments and joint ventures in which we participate;
 - Whether we will be able to effectively execute our financing plan;
 - Increasing scrutiny and changing expectations from stakeholders with respect to our environmental, social, and governance practices;
 - The physical and financial risks associated with climate change;
 - The impacts of operational and developmental hazards and unforeseen interruptions;
 - The risks resulting from outbreaks or other public health crises, including COVID-19;
 - Risks associated with weather and natural phenomena, including climate conditions and physical damage to our facilities;
 - Acts of terrorism, cybersecurity incidents, and related disruptions;
 - Our costs and funding obligations for defined benefit pension plans and other postretirement benefit plans;
 - Changes in maintenance and construction costs, as well as our ability to obtain sufficient construction-related inputs, including skilled labor;
 - Inflation, interest rates, and general economic conditions (including future disruptions and volatility in the global credit markets and the impact of these events on customers and suppliers);
 - Risks related to financing, including restrictions stemming from debt agreements, future changes in credit ratings as determined by nationally recognized credit rating agencies, and the availability and cost of capital;

Forward-Looking Statements (cont'd)

- The ability of the members of the Organization of Petroleum Exporting Countries and other oil exporting nations to agree to and maintain oil price and production controls and the impact on domestic production;
 - Changes in the current geopolitical situation;
 - Whether we are able to pay current and expected levels of dividends;
 - Changes in U.S. governmental administration and policies;
 - Additional risks described in our filings with the Securities and Exchange Commission (SEC).
- **Given the uncertainties and risk factors that could cause our actual results to differ materially from those contained in any forward-looking statement, we caution investors not to unduly rely on our forward-looking statements. We disclaim any obligations to and do not intend to update the above list or announce publicly the result of any revisions to any of the forward-looking statements to reflect future events or developments.**
 - **In addition to causing our actual results to differ, the factors listed above and referred to below may cause our intentions to change from those statements of intention set forth in this report. Such changes in our intentions may also cause our results to differ. We may change our intentions, at any time and without notice, based upon changes in such factors, our assumptions, or otherwise.**
 - **Because forward-looking statements involve risks and uncertainties, we caution that there are important factors, in addition to those listed above, that may cause actual results to differ materially from those contained in the forward-looking statements. For a detailed discussion of those factors, see Part I, Item 1A. Risk Factors in our Annual Report on Form 10-K for the year ended December 31, 2020, as filed with the SEC on February 24, 2021.**

Agenda

- **Welcome**
 - Safety Moment

- **Williams Update**
 - ESG
 - New Energy Ventures
 - Strategic Partnerships
 - Modernization Efforts
 - Williams Transco Connection Newsletter

- **Pipeline Control Update**
 - Weather Forecast
 - COVID Update
 - Cybersecurity
 - 2022 Planned Maintenance Activity

- **Commercial Update**
 - Market Update
 - Expansion Project Update
 - 1Line & Commercial Technology Update

- **Q&A**

Safety Moment

Making Sure Your Home & Vehicle are Winter Ready

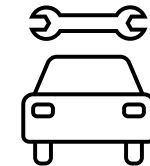
Home

- Have heating equipment & chimneys cleaned and inspected
- Change batteries in CO & smoke detectors
- Caulk and add weather-stripping to doors, windows, and cracks
- Insulate pipes and know how to shut off water valves
- Clean your gutters and check drainage
- Make an emergency plan and be sure everyone in the family/house is familiar with it
- Have a basic winter storm disaster kit ready



Vehicle

- Make an emergency kit to keep in your vehicle; potential items include:
 - Blanket(s)
 - Battery-powered radio
 - Flashlight or battery-powered lantern
 - Emergency flares
 - Extra winter clothing
 - Bottled water and non-perishable snacks
 - First-aid kit
- Perform pre-winter maintenance; potential items to check include:
 - Engine coolant and anti-freeze levels
 - Brakes, tire pressure and tread depth
 - Windshield wipers and deicing washer fluid
 - Battery and ignition system
 - Fuel and air filters
 - Oil



Williams Winterization Preparation

Williams is committed to continuously improving our performance through preparation and by applying what we have learned from past experiences.

- Field based operations teams review winter related site-specific operating procedures and take the necessary steps to winterize critical equipment.
- Pipeline Control personnel work closely with operations to test critical equipment before the winter season.
- Williams Commercial, Operations, and Pipeline Control teams work through a collaborative lessons learned session.
- This collaborative lessons learned session is also performed annually in preparation for hurricane season.



Williams Update

|||||



Environmental, Social & Governance

- Williams' is committed to transparency related to our ESG performance
- Highlights of Williams' **2020 Sustainability Report** include:
 - **> 58% reduction** in reported methane emissions from natural gas processing plants and transmission compressor stations since 2012
 - **33% decrease** in reportable air and spill releases
 - **18,263 hours** of employee volunteerism in 2020
 - **\$10.8 MM invested** in more than 2,200 community organizations in 2020
- Doing what is right for the environment and our communities is critical to maintaining our social license to operate



ESG Leadership



Hosted a virtual public ESG event, the first of its kind in the midstream sector, where executive management presented the company's forward-looking strategy for sustainable operations.



Co-chaired an initiative with Energy Infrastructure Council to launch a midstream ESG reporting template to present sustainability metrics in a transparent and comparable way.



Announced our climate commitment, setting a near-term goal of a 56% absolute reduction from 2005 levels in company-wide greenhouse gas emissions by 2030.



Pledged support for the CEO Action for Diversity and Inclusion Coalition, a set of actions that signatory CEOs will take to empower employees to have conversations about D&I.



Joined the Leadership Advisory Board on the Coalition for Renewable Natural Gas to advocate for the renewable natural gas in North America.



Published 2020 Sustainability Report in accordance with Global Reporting Initiative (GRI) Standards Core Option and the Sustainable Accounting Standards Board (SASB) Midstream Oil and Gas Standard.



Aligned climate change reporting with the Taskforce on Climate-Related Financial Disclosures' (TCFD) recommended disclosure structure.



Responded to 2021 CDP Climate Change questionnaire and 2021 S&P Corporate Sustainability Assessment (DJSI questionnaire).

Diversity and Inclusion

- The Diversity and Inclusion Council includes members of the Executive Officer Team, organizational and operational leaders, and individual employees.
- The Diversity and Inclusion Council identifies D&I opportunities and initiatives to implement throughout our organization. In 2020, the Council formed a metrics subcommittee to provide data needed to set short- and longer-term goals and initiatives related to increased diversity.
- We are working to embed D&I in our daily culture through leadership accountability, employee education, workplace practices and proactive allyship.
- The Diversity and Inclusion “Bridge” program includes two major components, supporting a top-down and bottom-up approach to D&I engagement: Candid Conversations and Employee Resource Groups (ERGs).
- ERGs are dedicated to fostering a diverse and inclusive work environment within the context of Williams’ mission, values, goals, business practices, and objectives; and are open to all employees within Williams.
 - Active ERGs:
 - African American/Black, Asian Pacific Islander (API), LBGTQ+, Men Advocating for Real Change (MARC), Military (Active & Veteran), Women of Williams (WOW), Working Parent, Young Professionals, Latinx

Climate Commitment

Williams recognizes the risks of climate change, and our strategy provides a practical and immediate path to reduce industry emissions and grow a clean energy economy

Right Here, Right Now Opportunities

Goal: 56% absolute reduction in company-wide greenhouse gas emissions by 2030

Leverage our natural gas-focused strategy and technology that is available today to focus on immediate opportunities to reduce emissions, scale renewables and build a clean energy economy.

Future Innovation and Technologies

Our path to net zero by 2050 involves a combination of immediate and long-term solutions, including investments in renewables, technology and the best and brightest talent who are committed to doing what is right.

Note: 56% absolute reduction measured against 2005 emissions



Guiding Principles: Prioritizing Areas of Focus and Investment



Achieve

carbon reductions
for ourselves, our
customers and
partners



Create

economic value
with actionable
investments



Target

opportunities
where our
midstream
competencies
provide strong
competitive
advantages



Provide

scalable options
for the future

Net Zero Approach

Creating Value with a Net Zero Approach



WE MAKE CLEAN ENERGY HAPPEN®



Solar Program - Developing 16 solar projects generating clean energy to reduce utility demand at current and future facilities



Renewable Natural Gas Initiative - Constructing new interconnects and investing in projects to expand RNG production



Low Carbon Gas Product Offering - Working with customers and partners to offer products like responsibly sourced gas (RSG) and carbon offset natural gas



Hydrogen Development Program - Leading efforts to develop H₂ infrastructure, production, and opportunity to blend into natural gas pipelines



Carbon Capture Utilization and Storage (CCUS) Development Program - Creating opportunity for fossil-based fuels to play a larger role in a clean energy future



Renewable Power Transmission and Generation Program - Partnering with renewable energy developers by bringing Williams' infrastructure-focused expertise to support projects



Clean Energy Hub Partnerships - Integrating renewable and other low carbon technologies into existing infrastructure to drive production and delivery of clean molecules at scale



Corporate Venture Program - Exploring investments in innovation to enable a low carbon future



Carbon Markets Program - Optimizing carbon attributes to achieve emissions goals and create additional revenue opportunities

Partners Committed to a Clean Energy Future



Committed to being the leader in providing **infrastructure** that safely delivers natural gas products to reliably fuel the clean energy economy.



Solving important **energy challenges** and creating value in the marketplace.



Our mission is to **empower every person and every organization** on the planet to achieve more.

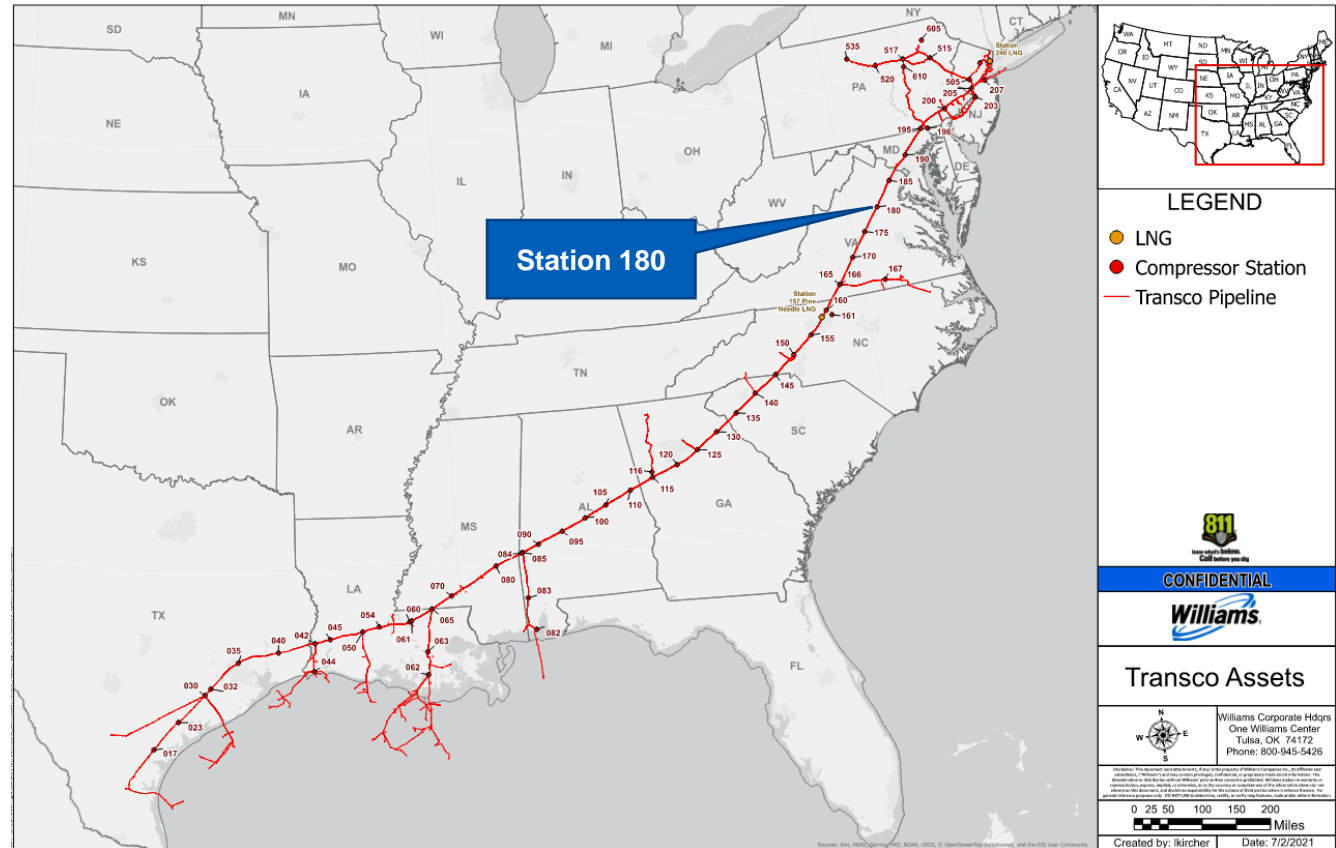


A climate-tech **startup incubator** like you've never seen before. We're bringing together startups, corporates, investors, politicians, and many others to **shape our best future**.

Modernization Efforts

Station 180

- Station 180 – Unionville, Virginia
- Complete modernization of existing facility
- A 98.3% reduction of NOx emissions
 - 2,724 tpy to 46 tpy
- Major Equipment:
 - Modular Building
 - Two (2) Solar Titan-130 Turbines w/ C-651 Compressors
 - Process Vent Recovery
 - Dry Seal Gas Recovery
 - Four (4) Bays of Station Cooling
 - Two (2) Station Scrubbers
 - PCR Building
 - Back-up Generator
 - Instrument Air System & Receiver
 - Tanks
 - Replacement of Six (6) existing Side Gate Valves



The existing facility will remain functional and available through commissioning of the new facility.

Williams Transco Connection Newsletter



Williams Transco Connection - October 2021

Welcome to first edition of the Williams Transco Connection Newsletter. We are focused on what we can do right here, right now to build a clean energy economy.

Transco: Critical energy infrastructure to power America's clean energy future



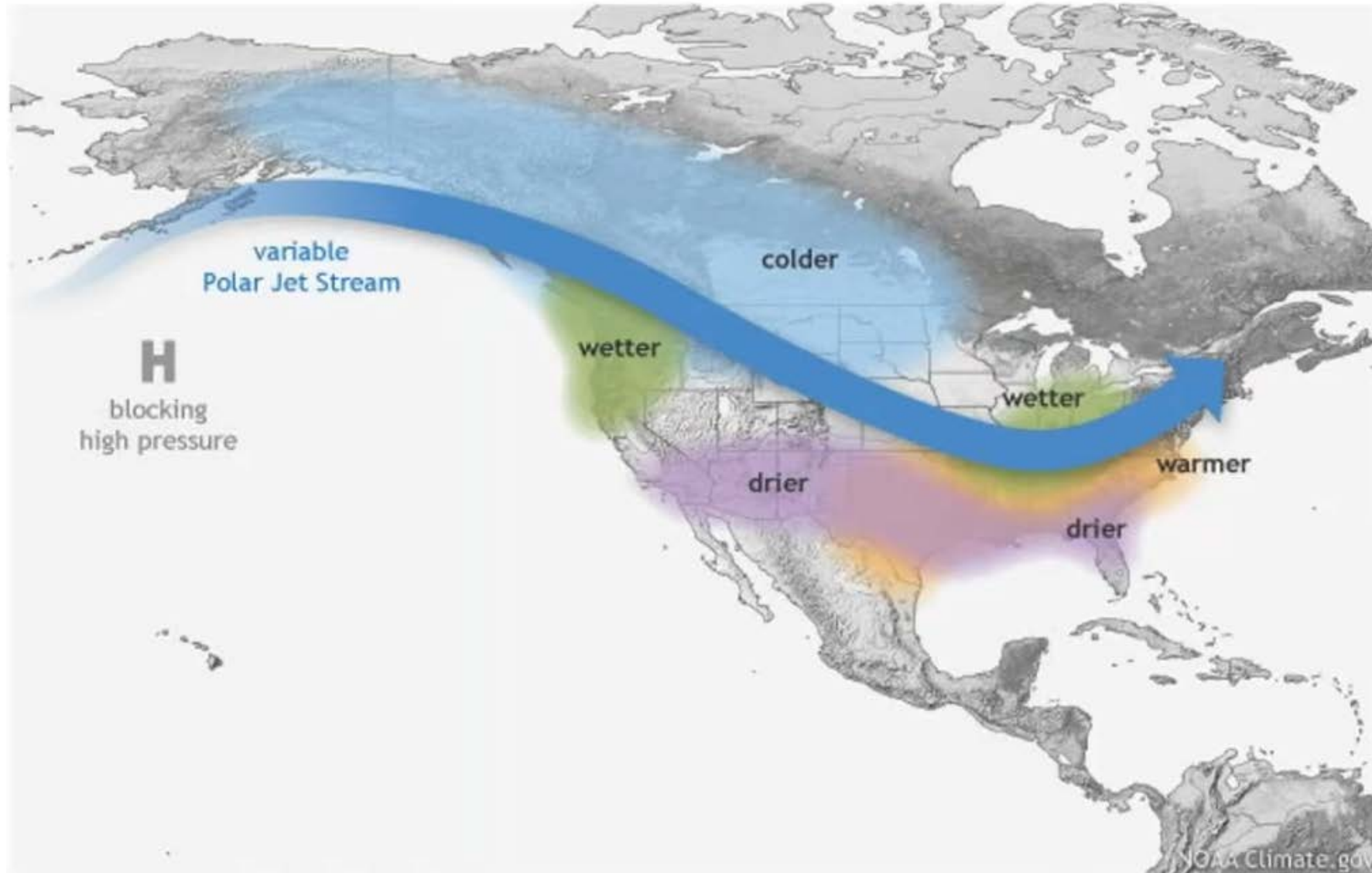
Every day, thousands of miles of pipelines underground quietly and safely deliver energy to keep our homes comfortable and well-lit. Williams owns and operates the nation's largest and most reliable interstate natural gas transmission pipeline, called Transco.

Pipeline Control Update



Winter Weather Outlook

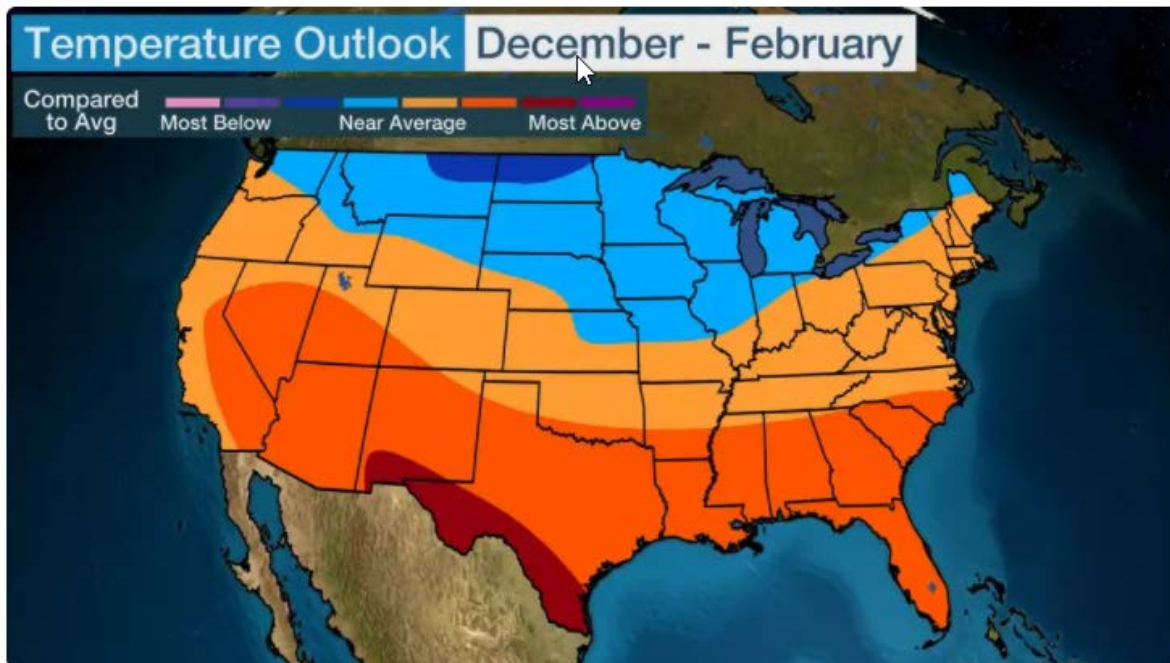
WINTER LA NIÑA PATTERN



Winter Weather Outlook

Summary:

- The National Weather Service forecasts a 40%-60% chance of winter temperatures being above normal in our all of our Market Areas.
- The Weather Channel forecasts near average temperatures in the Mid- Atlantic and Northeast. The Gulf Coast and Southeast are forecasted slightly above.

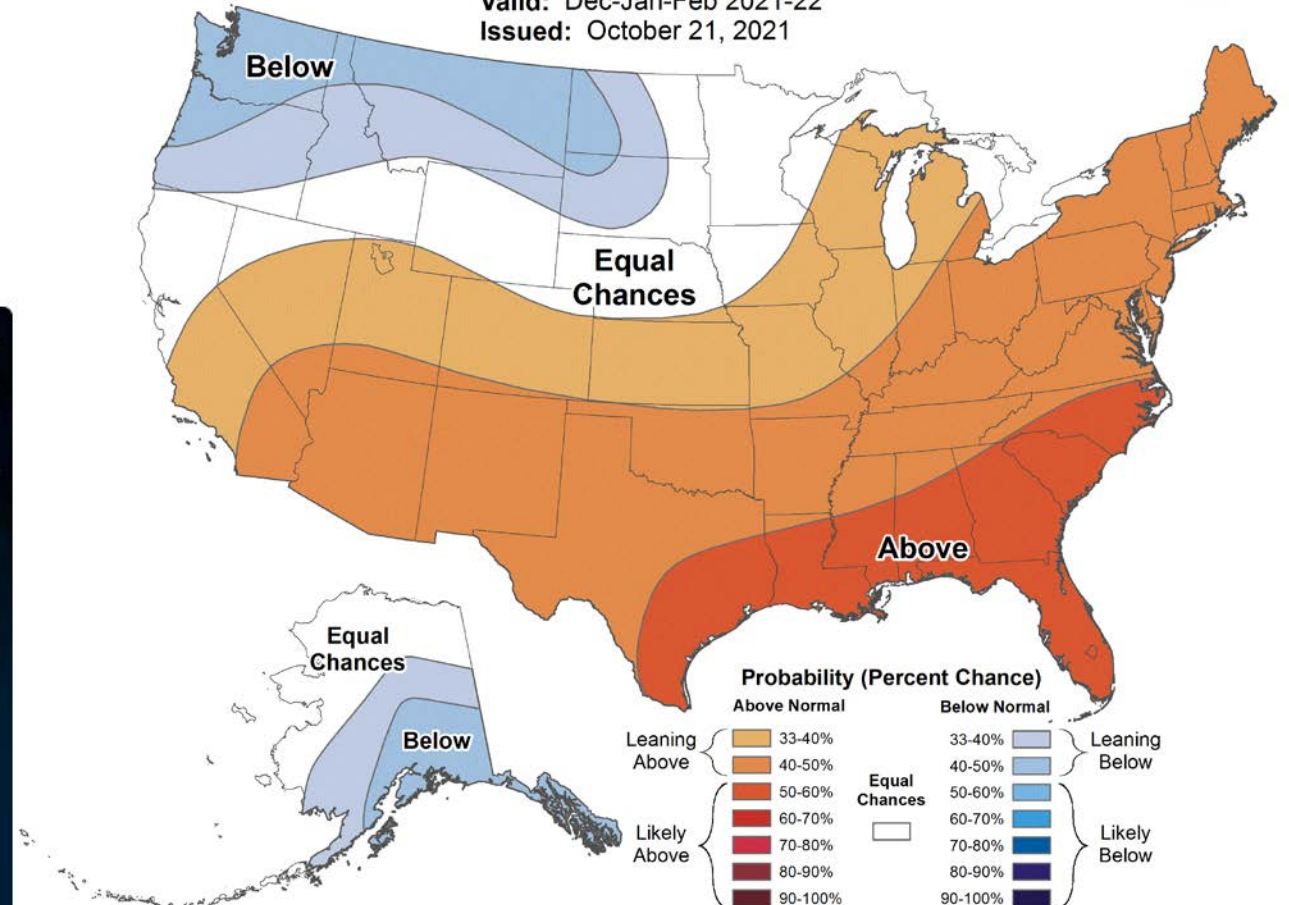


Seasonal Temperature Outlook



Valid: Dec-Jan-Feb 2021-22

Issued: October 21, 2021

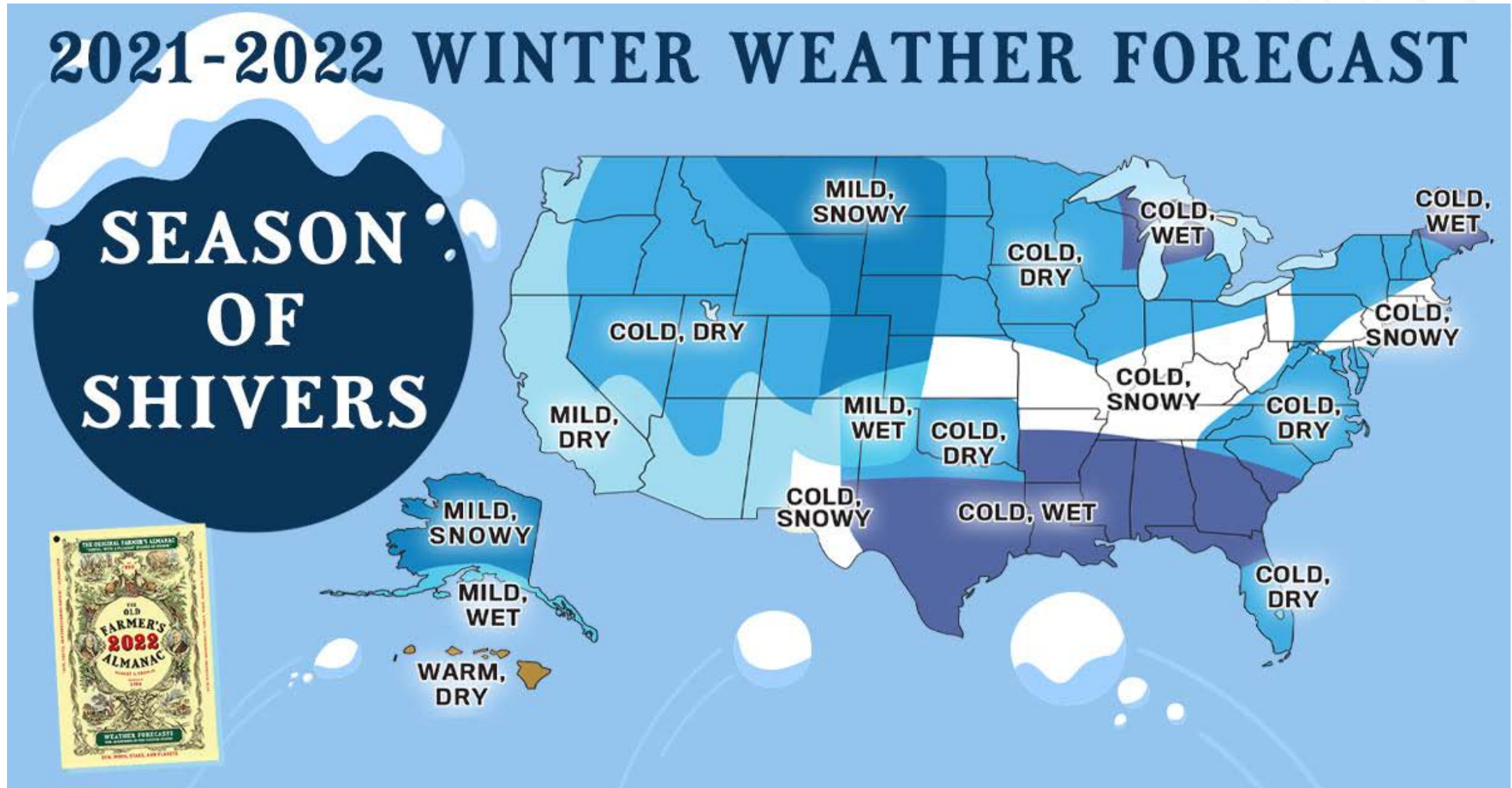


Winter Weather Outlook

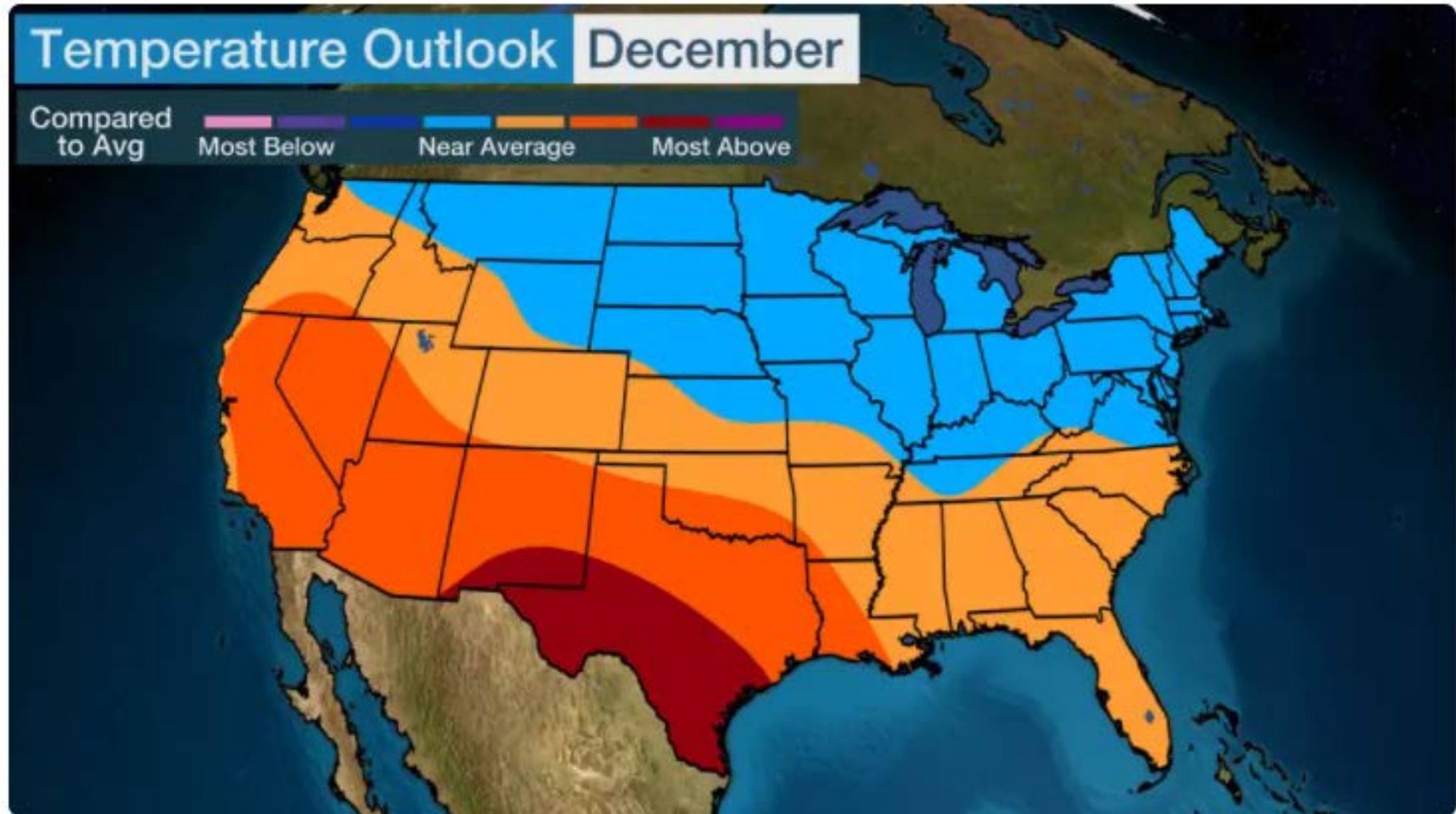


SNOWFALL PREDICTIONS			
WINTER 2021-2022			
LOCATION	PREDICTION 2021-2022	SNOWFALL 2020-2021	AVERAGE SNOWFALL
▶ New York, NY	26-32"	38.6"	26.1"
▶ Philadelphia, PA	20-26"	23.9"	22.6"
▶ Boston, MA	45-55"	38.6"	44.3"
▶ Washington, DC	7-11"	5.4"	15.6"
▶ Pittsburgh, PA	45-50"	57.9"	41.8"

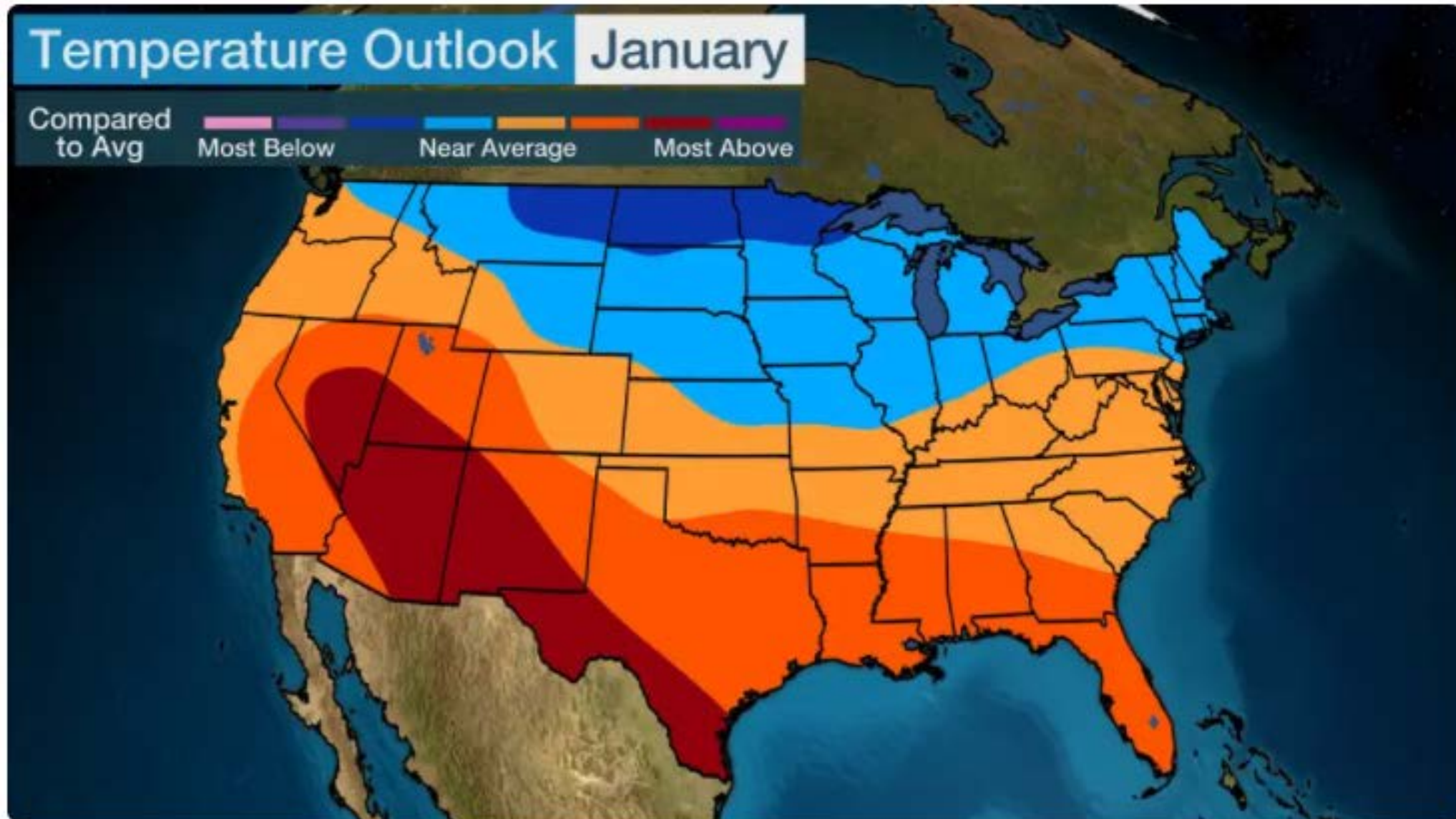
Winter Weather Outlook



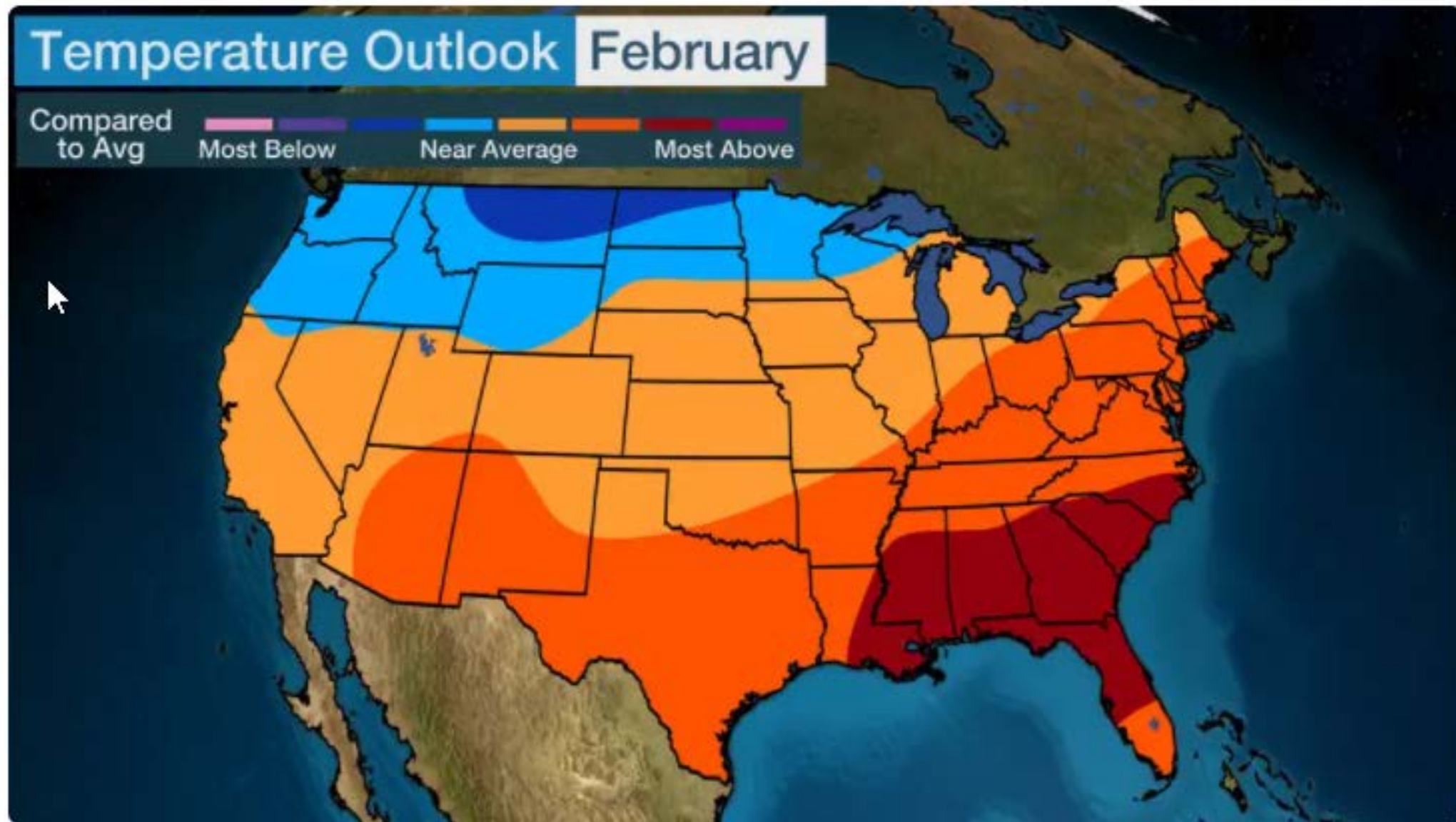
Winter Temperature Outlook



Winter Temperature Outlook



Winter Temperature Outlook



COVID-19 Pandemic Response

Maintain Continuity of Operations:

- Set up a secondary control room at our primary location in Houston.
- Transitioned to a split control room operation to allow for physical distancing and to mitigate risk associated with physical interaction of shift teams.
- Equipped controllers to operate remotely – laptops, monitors, and phones.
- Utilized a virtual control room (Teams Meeting) to connect control rooms, remote controllers, and leaders.



COVID-19 Pandemic Response

Maintain Continuity of Operations:

- Enterprise-wide Williams returned to office effective June 1st
- Returned to one control room on the same date.
- In early August transitioned to split control room operation due to Covid-19 spikes associated with the Delta variant. Pipeline Control leadership working remotely.
- Late August transitioned to split control room operation with some controllers working remotely.
- Resumed one control room operation mid-October.



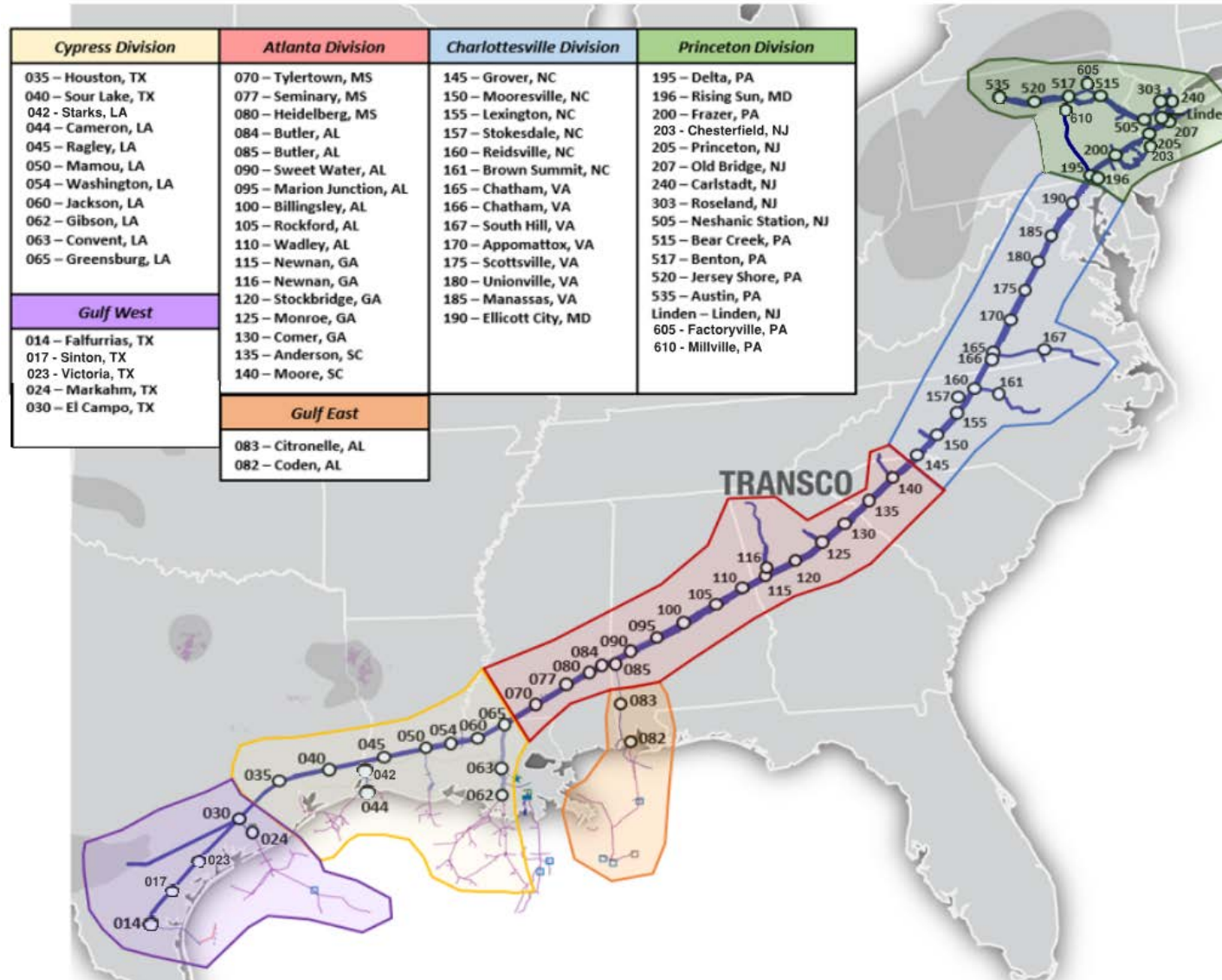
Cybersecurity

What Williams is Doing:

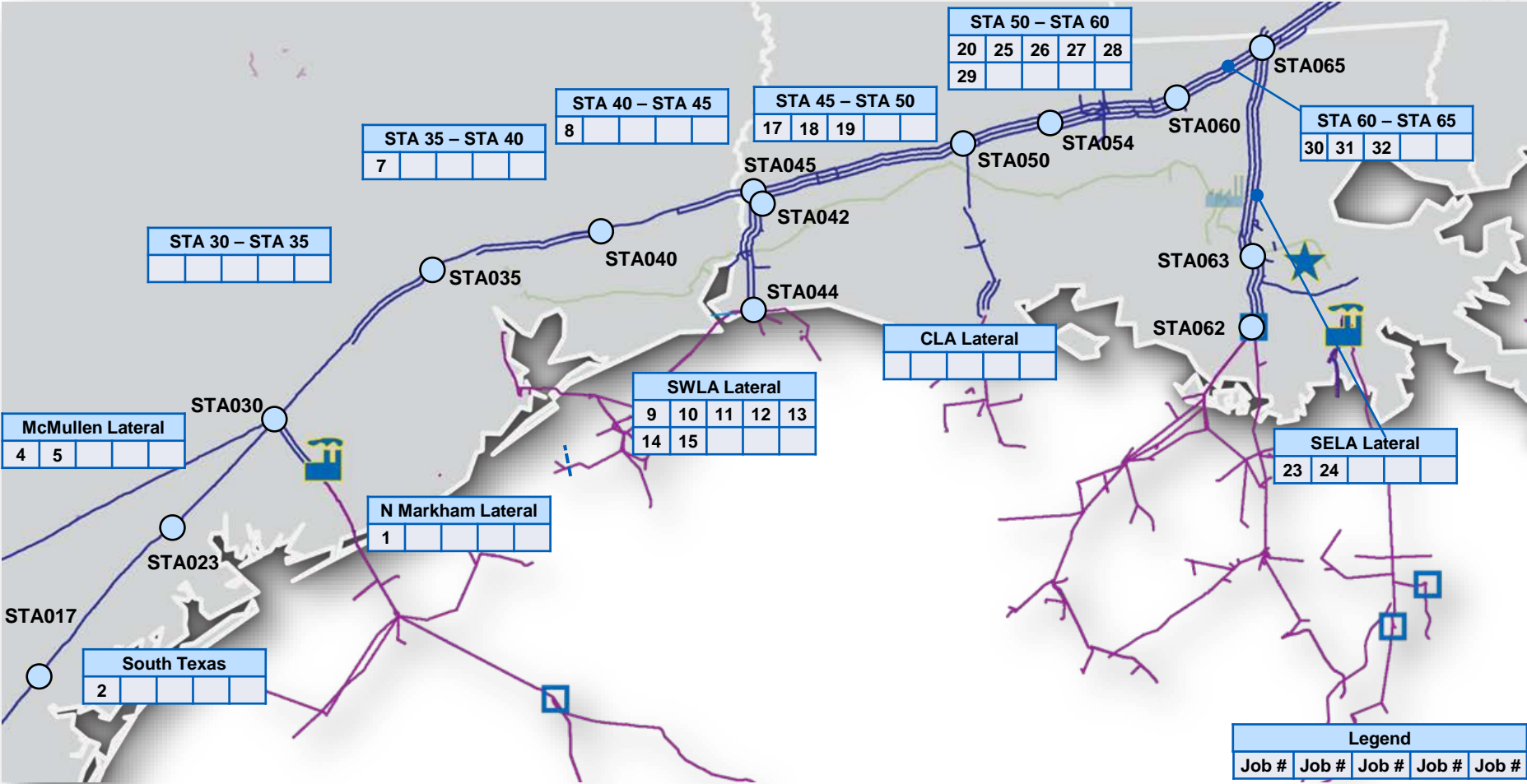
- We provide training to raise awareness around the threats we all face.
- We monitor the changing threat landscape to understand how it might impact our risk posture.
- We deploy modern technology to help identify and thwart attacks.
- We have strong policy and governance to ensure we are focusing on the risks that require the most attention.
- We align with business goals to support the success of the company.
- We are participating in industry intelligence sharing with trade groups like INGAA, API and AGA on cybersecurity matters and best practices.



Transco System Overview



Texas & Louisiana Construction & Maintenance



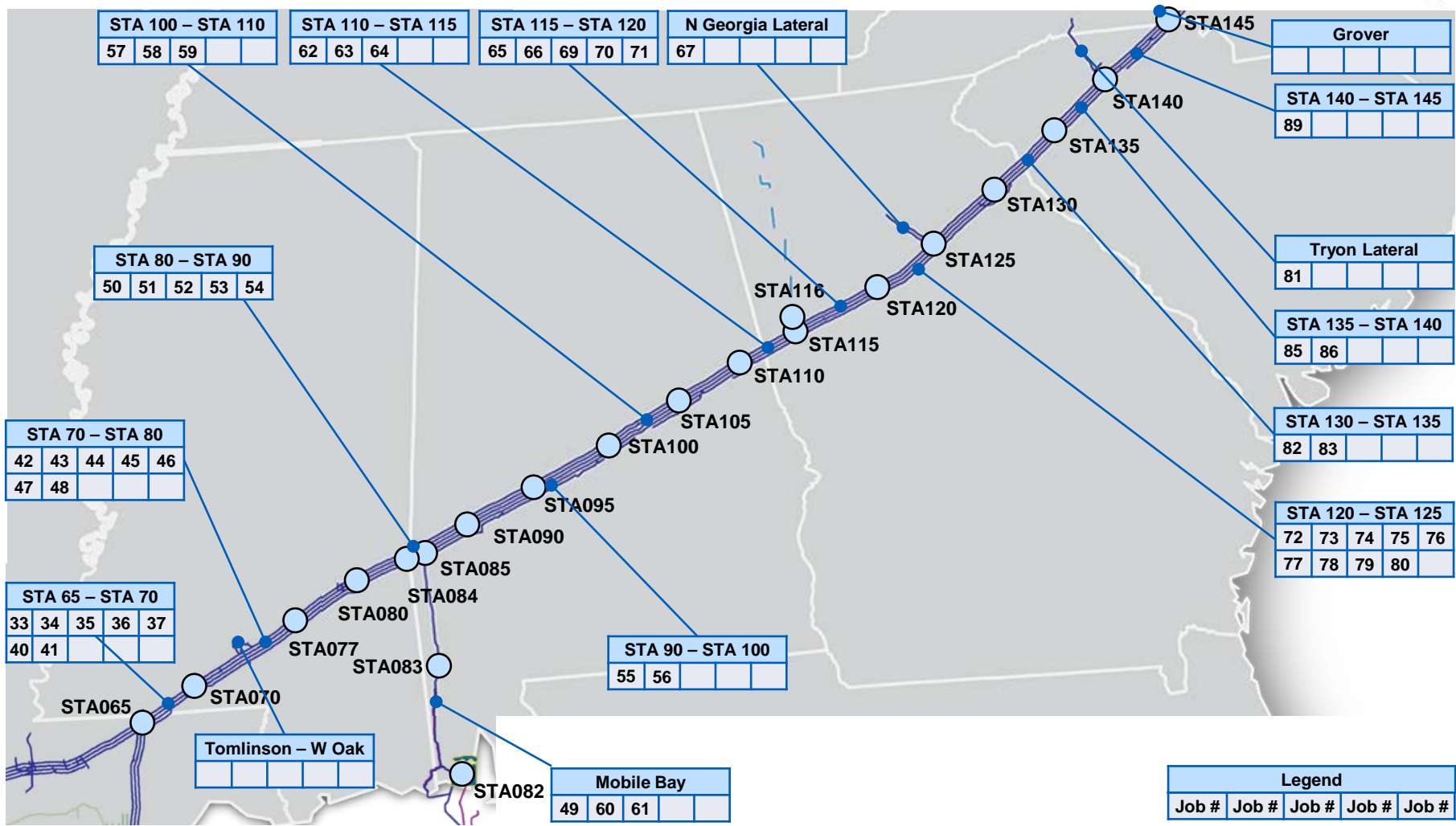
Texas & Louisiana Construction & Maintenance

Job Number	Status	Start	Outage Duration (Days)	Finish	Location	Zone	Maintenance Activity	Anticipated Impact	Meter No.	Meter Name	1Line Nominatable Location ID
X001		8/17/2022	7d	8/23/2022	N. Markham Lat "A" (STA-030 to STA-024)	1	Anomaly Investigation Placeholder	Possible line outage	4585	Poole Road	
X002		9/21/2022	14d	10/4/2022	Mainline "A" (T1218 to 17A0)	1	Anomaly Investigation Placeholder	Possible line outage	3668/4668, 3676, 3515/4515	Agua Dulce In/Out, Whistler, Banquete In/Out	
X004		9/8/2022	13d	9/20/2022	McMullen Lat "A" 24" (TM550 to TM43)	1	Anomaly Investigation Placeholder	Possible line outage	1303, 3649/4649, 1704, 3644/4644, 1693, 4652, 3643/4643	Fuller-Newton #1, Pettus Plt Outlet/BB, Johnston #1, Silver Oak/Silver Oak BB, Charco #2, Karon Plt BB, Eagle Plant/Plant BB	
X005		8/24/2022	15d	9/7/2022	McMullen Lat "A" 24" (TM65 to TM562)	1	Anomaly Investigation Placeholder	Possible line outage	1345, 4652, 4605, 3578/4537, 3628/4612, 3649/4649, 3643/4643	Live Oak Karon, Karon Plant BB, Jacobs Buyback, Tilden, LaSalle Tilden, Pettus Plt Outlet/BB, Eagle Plant/Plant BB	
X007		7/28/2022	20d	8/16/2022	Mainline "A" (35B15 to 40B0)	2	Anomaly Investigation Placeholder	Possible line outage	1720, 1745	Bingle #1, Hull-Merchant	
X008	Defer from 2021; Dates TBD				Mainline "A" (40A0 to 40A10)	2	Anomaly Investigation	Possible line outage; Possible impact to the availability of transportation services scheduled North to South on Mainline	1638	Fee Sour Lake #1	
X009	Dates to be Determined				N High Island D (LW660 to LW670)	2	Pipeline Inspection	Potential Line Outage	4662	Lighthouse Road	9009310
X010	Dates to be Determined				SW Louisiana Lat C (LW605 to STA-044)	2	Pipeline Inspection	Potential Line Outage	4662	Lighthouse Road	9009310
X011		6/15/2022	2d	6/16/2022	N High Island D (LW670 to Station 44) (LW660 to LW670)	2	Pipeline Inspection	Possible line outage	4662	Lighthouse Road	9009310
X012	Dates to be Determined				N High Island D (V505 to Sabine R)	2	Pipeline Inspection	Possible line outage; possible impact to throughput available to downstream customers	4662	Lighthouse Road	9009310
X013		6/13/2022	2d	6/14/2022	N High Island C (LW410 to STA-44)	2	Pipeline Inspection	Possible line outage; possible impact to throughput available to downstream customers	4662	Lighthouse Road	9009310
X014	Dates to be Determined				N High Island C (LW1224 to Sabine R)	2	Pipeline Inspection	Possible line outage; possible impact to throughput available to downstream customers	4662	Lighthouse Road	9009310
X015		4/25/2022	10d	5/4/2022	SW Louisiana Lateral A (LW102 to LW550)	2	Pipeline Inspection				
X016		7/5/2022	23d	7/27/2022	Mainline "B" (40B20 to 45B0)	3	Anomaly Investigation Placeholder	Possible line outage	3675	Jasper - Midcoast	
X017	Dates to be Determined				Mainline "B" (STA-045 to STA-050)	3	Pipeline Inspection	Meter Impact during tool passage	2856	Duralde	1005046
X018	Dates to be Determined				Mainline "C" (STA-045 to LC1233)	3	Pipeline Inspection	Meter Impact during tool passage	3664	Al Cormier	9011381

Texas & Louisiana Construction & Maintenance

Job Number	Status	Start	Outage Duration (Days)	Finish	Location	Zone	Maintenance Activity	Anticipated Impact	Meter No.	Meter Name	1Line Nominatable Location ID
X019		6/24/2022	7d	6/30/2022	Mainline "C" (45C2 to LC1233)	3	Anomaly Investigation Placeholder	Possible line outage; Possible impact to the availability of transportation services scheduled North to South on Mainline	3664	Al Cormier	
X020		6/6/2022	19d	6/24/2022	Mainline "C"(50C1 to LC1348)	3	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X025	Dates to be Determined				Mainline "C" (LC1269 to LC1276)	3	Pipeline Inspection	No meter impact anticipated at this time			
X026		5/23/2022	6d	5/28/2022	Mainline "B" (50B70 to 65B0)	3	Anomaly Investigation Placeholder	Possible line outage	4339	Clinton Midla	
X027		4/17/2022	21d	5/7/2022	Mainline "A" (50A70 to LE2777)	3	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X028		5/9/2022	13d	5/21/2022	Mainline "C" (50C70 to 65C0)	3	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X029		5/31/2022	5d	6/4/2022	Mainline "D" (50D70 to LE2299)	3	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X030		5/2/2022	8d	5/9/2022	Mainline "A" (60A0 to LE2777)	3	Facility Modification	Meter Outage	4184	Ethel	1006083
X031	Defer from 2021; Dates TBD				Mainline "A" (LE2759 to 60A20)	3	Anomaly Investigation	No meter impact anticipated at this time			
X032	Defer from 2021; Dates TBD				Mainline "A" (LE2759 to 65A0)	3	Anomaly Investigation	No meter impact anticipated at this time			
X023	Dates to be Determined				SE Louisiana Lat "A" (62A31 to 63A41)	4	Pipeline Inspection	No meter impact anticipated at this time			
X024	Dates to be Determined				SE Louisiana Lat "B" (63B0 to 63B41)	4	Pipeline Inspection	No meter impact anticipated at this time			
X033	Dates to be Determined				Mainline "B" (STA-065 to STA-070)	4	Pipeline Inspection	No meter impact anticipated at this time			
X034	Dates to be Determined				Mainline "D" (STA-065 to 65D15)	4	Pipeline Inspection	No meter impact anticipated at this time			
X035	Defer from 2021; Dates TBD				Mainline "A" (65A1 to 65A10)	4	Anomaly Investigation	No meter impact anticipated at this time			

Mississippi, Alabama, Georgia, & South Carolina Construction & Maintenance



Mississippi, Alabama, Georgia, & South Carolina Construction & Maintenance

Job Number	Status	Start	Outage Duration (Days)	Finish	Location	Zone	Maintenance Activity	Anticipated Impact	Meter No.	Meter Name	1Line Nominatable Location ID
X035	Defer from 2021; Dates TBD				Mainline "A" (65A1 to 65A10)	4	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X036		3/21/2022	11d	3/31/2022	Mainline "D"(65D1 to 65D15)	4	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X037		4/4/2022	13d	4/16/2022	Mainline "B"(65B1 to 70A0)	4	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X038		10/13/2022	1d	10/13/2022	Eminence Storage Lateral B (STA-077 to M193)	4	Pipeline Inspection				
X039		10/17/2022	1d	10/17/2022	Eminence Storage Lateral A (Sta-77 to M156)	4	Pipeline Inspection				
X040		4/1/2022	22d	4/22/2022	Mainline "A" (LE2777 to 70A0)	4	Anomaly Investigation Placeholder	Possible line outage	4483, 4150	Mccomb, Gulf South-Magnolia	N/A
X041		9/12/2022	5d	9/16/2022	Mainline "A"(65A10 to 65A20)	4	Anomaly Investigation Placeholder	Possible line outage	4483, 4150	Mccomb, Gulf South-Magnolia	N/A
X042		10/3/2022	3d	10/5/2022	Mainline "D" (70D1 to 80D1)	4	Pipeline Inspection	Minimal impact during passage	3595	Hoy Road	
X043		10/3/2022	3d	10/5/2022	Mainline "A" (70A0 to 80A0)	4	Pipeline Inspection	No meter impact anticipated at this time	3595	Hoy Road	
X044		5/9/2022	18d	5/26/2022	Mainline "D" (70D0 to 80D0)	4	Anomaly Investigation Placeholder	Possible line outage	3238, 3650, 3466, 3467, 3595	Seminary, Ridge Road, Collins East, Sun Speed #1, Hoy Road	N/A
X045		4/23/2022	15d	5/7/2022	Mainline "A" (70A0 to 80A0)	4	Anomaly Investigation Placeholder	Possible line outage	3238, 3650, 3466, 3467, 3595	Seminary, Ridge Road, Collins East, Sun Speed #1, Hoy Road	N/A
X046		5/27/2022	6d	6/1/2022	Mainline "B" (70B0 to 80B0)	4	Anomaly Investigation Placeholder	No meter impacted anticipated at this time			
X047		9/17/2022	6d	9/22/2022	Mainline "A" (70A10 to 70A20)	4	Anomaly Investigation Placeholder	No meter impacted anticipated at this time			
X048		9/23/2022	5d	9/27/2022	Mainline "A" (70A10 to 70A20)	4	Anomaly Investigation Placeholder	No meter impacted anticipated at this time			
X049		4/11/2022	43d	5/23/2022	Mobile Bay Lateral (AS28 to AS63)	4	Pipeline Inspection				
X050		6/27/2022	5d	7/1/2022	Mainline "C" (80C0 to 100C0)	4	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X051		8/16/2022	3d	8/18/2022	Mainline "A" (80A0 to 90A0)	4	Pipeline Inspection	No meter impact anticipated at this time			
X052		9/28/2022	5d	10/2/2022	Mainline "A" (80A10 to 80A20)	4	Anomaly Investigation Placeholder	No meter impact anticipated at this time			

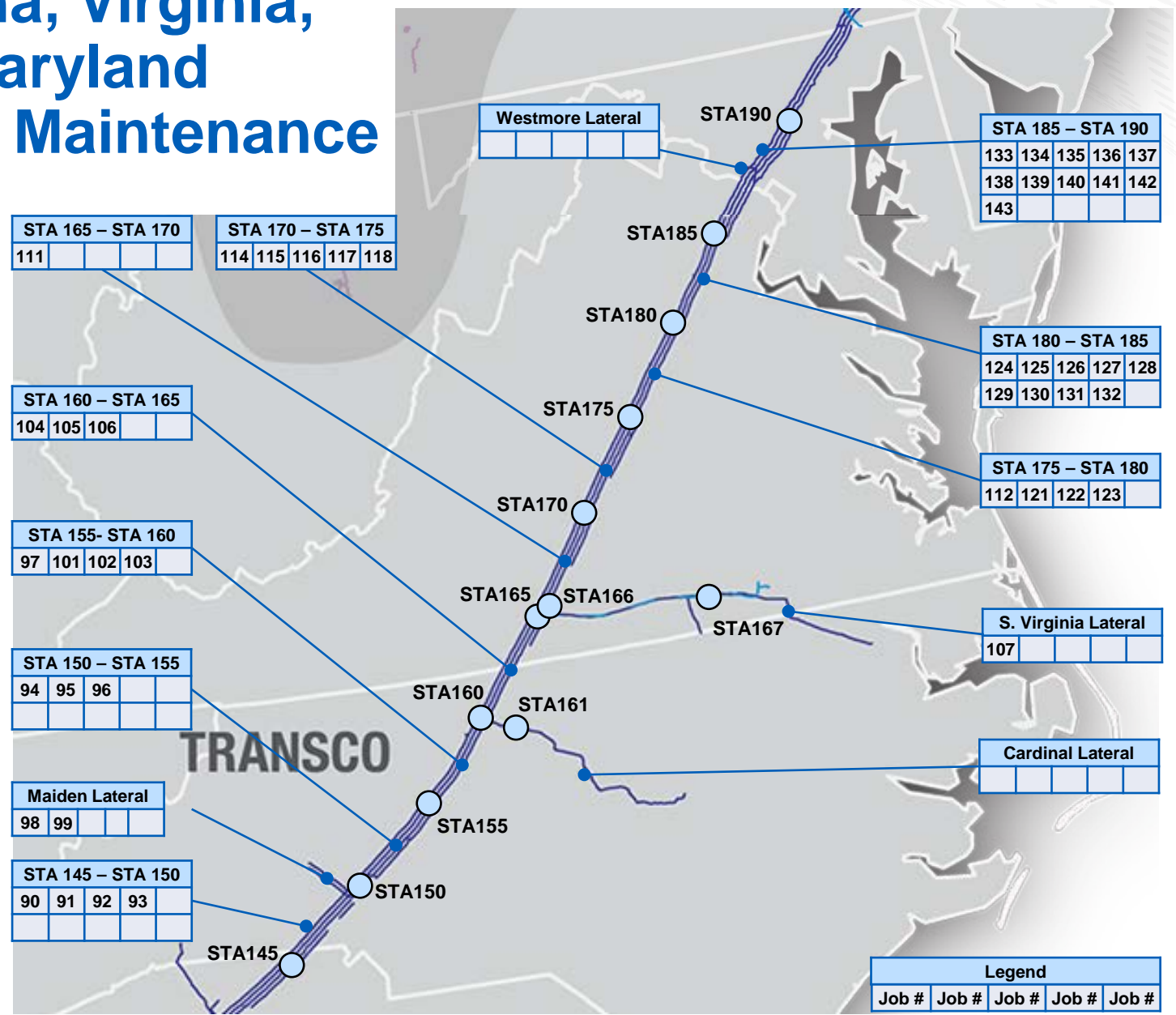
Mississippi, Alabama, Georgia, & South Carolina Construction & Maintenance

Job Number	Status	Start	Outage Duration (Days)	Finish	Location	Zone	Maintenance Activity	Anticipated Impact	Meter No.	Meter Name	1Line Nominatable Location ID
X053		3/1/2022	15d	3/15/2022	Station 85 MU4	4	Facility Maintenance	Horsepower Reduction; Possible impact to the availability of transportation services scheduled from the mainline down the Mobile Bay Lateral			
X054		3/26/2022	6d	3/31/2022	Mainline "A" (84A10 to 84A20)	4	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X055		10/3/2022	5d	10/7/2022	Mainline "A" (90A0 to 90A10)	4	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X056		9/6/2022	5d	9/10/2022	Mainline "D" (90B0 to 100B0)	4	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X057		5/23/2022	11d	6/2/2022	Mainline "B" (100B0 to 100B10)	4	Pipeline Inspection	No meter impact anticipated at this time			
X058		5/26/2022	1d	5/26/2022	Mainline "B" (100B0 to 100B11)	4	Pipeline Inspection	No meter impact anticipated at this time			
X059		4/4/2022	11d	4/14/2022	Mainline "A" (100A0 to 100A10)	4	Pipeline Inspection	No meter impact anticipated at this time			
X060		6/21/2022	5d	6/25/2022	Mobile Bay Lat 30" (AS28 to AS63)	4	Anomaly Investigation Placeholder				
X062		6/6/2022	11d	6/16/2022	Mainline "B" (100B10 to 120B0)	4	Pipeline Inspection	No meter impact anticipated at this time			
X063		6/10/2022	1d	6/10/2022	Mainline "B" (100B10 to 120B0)	4	Pipeline Inspection	No meter impact anticipated at this time			
X064		10/19/2022	5d	10/23/2022	Mainline "A" (105A10 to 105A20)	4	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X065		5/24/2022	3d	5/26/2022	Mainline "E" (A607 to A613)	4	Pipeline Inspection	No meter impact anticipated at this time			
X066		8/18/2022	9d	8/26/2022	Mainline "D" (110D0 to 120D0)	4	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X067		7/21/2022	19d	8/8/2022	N Georgia Lat 16" (GN12 to GN30)	4	Anomaly Investigation Placeholder	Possible line outage	7363, 7408, 7013, 7203, 7197, 7217	Doyle, Lawrenceville 3, Lawrenceville, Suwanee, West Buford, Sugar Hill	N/A
X068		9/26/2022	36d	10/31/2022	Dalton Lateral 24" (Station 116 to GD8) (GD5 to GD8)	4	Pipeline Inspection	No meter impact anticipated at this time			
X069		7/12/2022	10d	7/21/2022	Mainline "C" (110C0 to 120C0)	4	Pipeline Inspection	No meter impact anticipated at this time			
X070		4/5/2022	42d	5/16/2022	Mainline "C" (115C0 to 115C18)	4	Facility Modification, Pipe Replacement	No meter impact anticipated at this time			
X071		4/5/2022	23d	4/27/2022	Station 115	4	Facility Modification	Compressor Station Outage			
X072		6/2/2022	9d	6/10/2022	Mainline "D" (120D0 to 130D0)	4	Anomaly Investigation Placeholder	Possible line outage	7347	Monroe Power Plant	N/A
X073		5/17/2022	16d	6/1/2022	Mainline "C" (120C0 to 120C20)	4	Facility Modification	No meter impacted anticipated at this time			
X074		6/2/2022	16d	6/17/2022	Mainline "B" (120B0 to 120B20)	4	Facility Modification	No meter impacted anticipated at this time			
X075		6/20/2022	19d	7/8/2022	Mainline "A" (120A0 to 120A20)	4	Facility Modification	No meter impacted anticipated at this time			

Mississippi, Alabama, Georgia, & South Carolina Construction & Maintenance

Job Number	Status	Start	Outage Duration (Days)	Finish	Location	Zone	Maintenance Activity	Anticipated Impact	Meter No.	Meter Name	1Line Nominatable Location ID	Revision Date
X076		8/27/2022	10d	9/5/2022	Mainline "B" (120B0 to 130B0)	4	Anomaly Investigation Placeholder	No meter impacted anticipated at this time				11/1/2021
X077		10/3/2022	45d	11/16/2022	Mainline "B" (120B1 to 130B1)	4	Pipeline Inspection	No meter impacted anticipated at this time				11/1/2021
X078		10/3/2022	45d	11/16/2022	Mainline "A" (120A0 to 130A0)	4	Pipeline Inspection	No meter impacted anticipated at this time				11/1/2021
X079		10/10/2022	43d	11/21/2022	Mainline "B" (120B2 to 130B2)	4	Pipeline Inspection	No meter impacted anticipated at this time				11/1/2021
X080		10/14/2022	5d	10/18/2022	Mainline "D" (120D5 to 120D10)	4	Anomaly Investigation Placeholder	No meter impacted anticipated at this time				11/1/2021
X081		7/2/2022	19d	7/20/2022	Tryon Sales Lat (SN1 to SN30)	4	Anomaly Investigation Placeholder	Possible line outage	7225, 7229, 7227, 7326, 7221, 7294	Mill Springs, Columbus, Tryon, Greer Landrum, Inman, West Startex	N/A	11/1/2021
X082		6/11/2022	10d	6/20/2022	Mainline "D" (130D0 to 140D0)	4	Anomaly Investigation Placeholder	No meter impacted anticipated at this time				11/1/2021
X083		3/22/2022	35d	4/25/2022	Mainline "C" (130C0 to 140C0)	4	Pipeline Inspection	No meter impacted anticipated at this time				11/1/2021
X084		3/21/2022	5d	3/25/2022	Mainline "A" (S202 to 130A20)	4	Anomaly Investigation Placeholder	No meter impacted anticipated at this time				11/1/2021
X085		3/15/2022	5d	3/19/2022	Mainline "C" (135C10 to 135C20)	4	Anomaly Investigation Placeholder	No meter impacted anticipated at this time				11/1/2021
X086		10/8/2022	6d	10/13/2022	Mainline "D" (135D10 to 135D20)	4	Anomaly Investigation Placeholder	No meter impacted anticipated at this time				11/1/2021
X087		5/12/2022	7d	5/18/2022	Mainline "A" (140A0 to 145A0)	4	Pipeline Inspection	No meter impacted anticipated at this time				11/1/2021
X088		8/9/2022	9d	8/17/2022	Mainline "D" (S227 to 145D0)	4	Anomaly Investigation Placeholder	Possible line outage	7366	Skygen	N/A	11/1/2021

North Carolina, Virginia, & Maryland Construction & Maintenance



North Carolina, Virginia, & Maryland Construction & Maintenance

Job Number	Status	Start	Outage Duration (Days)	Finish	Location	Zone	Maintenance Activity	Anticipated Impact	Meter No.	Meter Name	1Line Nominatable Location ID
X089		4/4/2022	36d	5/9/2022	Mainline "A" (140A0 to 145A0)	4	Pipeline Inspection	No meter impact anticipated at this time			
X090		9/20/2022	8d	9/27/2022	Mainline "C" (145C0 to 150C0)	5	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X091		10/3/2022	12d	10/14/2022	Mainline "B" (145B0 to 150B0)	5	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X093		9/20/2022	12d	10/1/2022	Mainline "D" (145D20 to 150D0)	5	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X094		7/12/2022	15d	7/26/2022	Mainline "D" (150D0 to 155D2)	5	Pipeline Inspection	No meter impact anticipated at this time			
X095		2/15/2022	50d	4/5/2022	Mainline "B" (150B1 to 150B15)	5	Pipe Replacement	No meter impact anticipated at this time			
X096		8/8/2022	17d	8/24/2022	Mainline "C" (150C0 to 155C20)	5	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X097		9/6/2022	31d	10/6/2022	Mainline "A" (155A0 to 155A15)	5	Pipe Replacement	No meter impact anticipated at this time			
X098		9/12/2022	8d	9/19/2022	Maiden Lateral "A" and "B"	5	Anomaly Investigation Placeholder	Possible line outage	7318	Lowesville	1003245
X099		8/26/2022	6d	8/31/2022	Maiden Lateral "A" and "B"	5	Anomaly Investigation Placeholder	Possible line outage	7318	Lowesville	1003245
X102		7/7/2022	61d	9/5/2022	Mainline "A" (155A15 to 155A29)	5	Pipe Replacement	No meter impact anticipated at this time			
X103		7/19/2022	19d	8/6/2022	Mainline "C" (155C21 to 160C15)	5	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X105		5/14/2022	38d	6/20/2022	Mainline "A" (160A0 to 170A20)	5	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X106	Deferred from 2021 (Job #385)	3/26/2022	7d	4/1/2022	Cascade Creek	5	Facility Maintenance	Meter outage	3587/4580	Cascade Creek In/Out	9001040
X107		4/12/2022	15d	4/26/2022	SVLAT "A" (STA-165 to STA-167)	5	Pipeline Inspection	Minimal impact during tool passage	7365, 7253, 7266, 7249	Wise Frontier, Chase City, South Hill, South Boston	11003081, 1003073, 1003074, 1003210
X108		5/3/2022	20d	5/22/2022	SVLAT "A" (VS174 to VSA110)	5	Pipeline Inspection	Minimal impact during tool passage	7268, 7262, 7264, 7341, 7274	Ahoskie, COMMONWEALTH LAWRENCEVILLE, Hopewell, Pleasant Hill, Conway	1003076, 1003031, 1002730, 1003468, 1003396
X109		6/29/2022	18d	7/16/2022	Mainline "B" (160B10 to 170B0)	5	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X110		7/17/2022	3d	7/19/2022	Mainline "B" (160B10 to 160B20)	5	Anomaly Investigation Placeholder	No meter impact anticipated at this time			

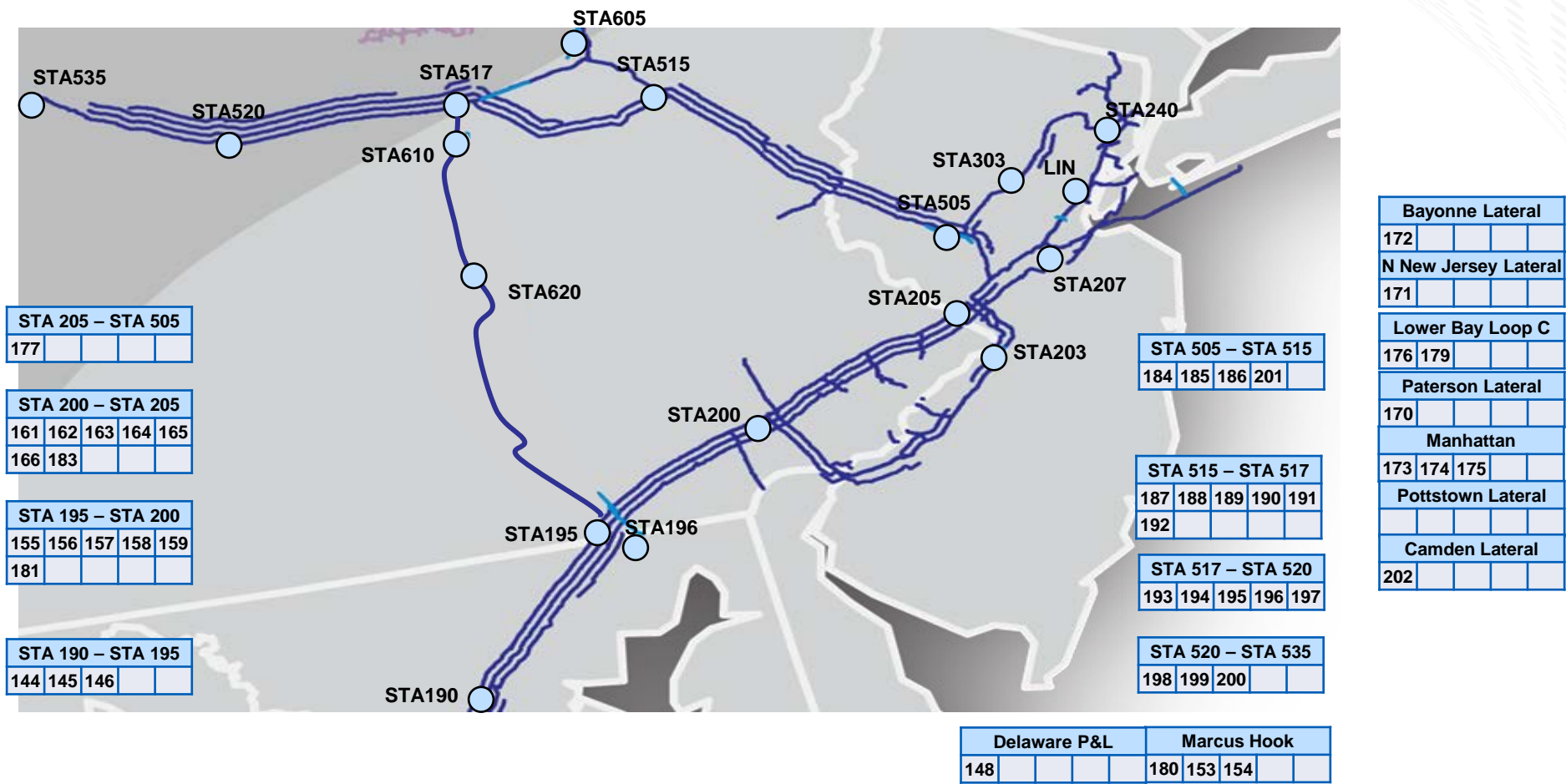
North Carolina, Virginia, & Maryland Construction & Maintenance

Job Number	Status	Start	Outage Duration (Days)	Finish	Location	Zone	Maintenance Activity	Anticipated Impact	Meter No.	Meter Name	1Line Nominatable Location ID
X111		3/7/2022	8d	3/14/2022	Mainline "D" (160D20 to 165D0)	5	Facility Modification	No meter impact anticipated at this time			
X112		2/2/2022	9d	2/10/2022	Mainline "B" (175B0 to 175B20)	5	Anomaly Cutout	No meter impact anticipated at this time			
X113		1/10/2022	47d	2/25/2022	Station 170	5	Facility Modification	Compressor station outage			
X114		6/28/2022	3d	6/30/2022	Mainline "C" (170C0 to 175C20)	5	Pipeline Inspection	No meter impact anticipated at this time			
X115		6/21/2022	3d	6/23/2022	Mainline "B" (170B0 to 175B20)	5	Pipeline Inspection	No meter impact anticipated at this time			
X116		8/16/2022	15d	8/30/2022	Mainline "D" (170D10 to V485)	5	Pipeline Inspection	No meter impact anticipated at this time			
X117		8/2/2022	10d	8/11/2022	Mainline "D" (R10 to 175D0)	5	Pipeline Inspection	No meter impact anticipated at this time			
X118		2/14/2022	8d	2/21/2022	Mainline "B" (R6 to 175B10)	5	Facility Modification	No meter impact anticipated at this time			
X119		6/2/2022	15d	6/16/2022	Mainline "A" (V217 to 180A0)	5	Pipeline Inspection	No meter impact anticipated at this time			
X120		1/31/2022	8d	2/7/2022	Mainline "A" (170A21 to 175A10)	5	Facility Modification	No meter impact anticipated at this time			
X121		1/31/2022	8d	2/7/2022	Station 175	5	Facility Modification	Compressor Station Outage			
X122	Deferred from 2021 (Job #495)	1/4/2022	3d	1/6/2022	Station 175 MU1	5	Facility Maintenance	Horsepower Reduction			
X123		2/11/2022	5d	2/15/2022	Mainline "C" (175C20 to 180C0)	5	Anomaly Investigation	No meter impact anticipated at this time			
X124		2/16/2022	4d	2/19/2022	Mainline "C" (180C1 to 180C5)	5	Anomaly Investigation	No meter impact anticipated at this time			
X125		3/9/2022	20d	3/28/2022	Mainline "A" (180A1 to 180A5)	5	Anomaly Investigation	No meter impact anticipated at this time			
X126		10/5/2022	16d	10/20/2022	Mainline "B" (180B10 to 185B5)	5	Pipeline Inspection	No meter impact anticipated at this time			
X127		2/21/2022	4d	2/24/2022	Mainline "C" (180C10 to 180C15)	5	Anomaly Investigation	Possible line outage	7348	Remington	N/A
X128		3/29/2022	5d	4/2/2022	Mainline "A" (180A10 to 180A20)	5	Anomaly Investigation	No meter impact anticipated at this time	7348	Remington	N/A
X129		10/21/2022	27d	11/16/2022	Mainline "B" (180B10 to 185B5)	5	Anomaly Investigation Placeholder	No meter impact anticipated at this time	7348	Remington	N/A

North Carolina, Virginia, & Maryland Construction & Maintenance

Job Number	Status	Start	Outage Duration (Days)	Finish	Location	Zone	Maintenance Activity	Anticipated Impact	Meter No.	Meter Name	1Line Nominatable Location ID
X130		11/1/2022	15d	11/15/2022	Mainline "C" (180C15 to 190C0)	5	Pipeline Inspection	No meter impact anticipated at this time	7348	Remington	N/A
X131		2/25/2022	12d	3/8/2022	Mainline "A" (180A20 to 180A25)	5	Anomaly Investigation	No meter impact anticipated at this time	7348	Remington	N/A
X132		5/6/2022	8d	5/13/2022	Mainline "B" (180B20 to 185B0)	5	Anomaly Investigation Placeholder	No meter impact anticipated at this time	7348	Remington	N/A
X133		8/16/2022	15d	8/30/2022	Mainline "A" (185A10 to R6)	5	Facility Modification	No meter impact anticipated at this time			
X134		7/8/2022	36d	8/12/2022	Mainline "A" (185D25 to 185A5)	5	Facility Modification	No meter impact anticipated at this time			
X135		10/31/2022	30d	11/29/2022	Mainline "C" (185C14 to 185C25)	5	Facility Modification	No meter impact anticipated at this time			
X136		12/2/2022	29d	12/30/2022	Mainline "C" (R8/C06 to 190C1)	5	Facility Modification	Possible impact to the availability of transportation services scheduled North to South on Mainline			
X137		9/1/2022	16d	9/16/2022	Mainline "B" (V359 to R1/R3)	5	Facility Modification	Possible impact to the availability of transportation services scheduled North to South on Mainline			
X138		8/19/2022	1d	8/19/2022	Mainline "D" (R10 to 185D25)	5	Facility Modification	Possible impact to the availability of transportation services scheduled North to South on Mainline			
X139		9/15/2022	42d	10/26/2022	Mainline "D" (185D17 to 190D0)	5	Facility Modification	Possible impact to the availability of transportation services scheduled North to South on Mainline			
X140		1/10/2022	23d	2/1/2022	Mainline "A" (185A5 to Potomac R)	5	Anomaly Investigation	No meter impact anticipated at this time			
X141		4/3/2022	19d	4/21/2022	Mainline "B" (V358 to 190B0)	5	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X142		9/20/2022	15d	10/4/2022	Mainline "D" (R10 to 190D0)	5	Pipeline Inspection	No meter impact anticipated at this time			
X143		3/29/2022	100d	7/6/2022	Station 190	5	Facility Modification	No meter impact anticipated at this time			
X147		4/30/2022	6d	5/5/2022	Louisa Lateral	5	Anomaly Investigation Placeholder	Possible line outage	7387	Louisa Rd	
X144		9/24/2022	28d	10/21/2022	Mainline "A" (190A10 to 195A0)	6	Pipe Replacement	Possible impact to the availability of transportation services scheduled North to South on Mainline			
X145		4/22/2022	8d	4/29/2022	Beaver Dam M&R Tap	6	Anomaly Investigation Placeholder	Possible line outage	4392	Beaver Dam	
X146		10/25/2022	29d	11/22/2022	Mainline "B" (190B13 to 195B0)	6	Pipe Replacement	Possible impact to the availability of transportation services scheduled North to South on Mainline			

Pennsylvania & New Jersey Construction & Maintenance



Pennsylvania & New Jersey Construction & Maintenance

Job Number	Status	Start	Outage Duration (Days)	Finish	Location	Zone	Maintenance Activity	Anticipated Impact	Meter No.	Meter Name	1Line Nominatable Location ID
X148	Dates to be Determined				Delta 16" Lateral (P245 to P377)	6	Anomaly Investigation Placeholder	Possible line outage	6314, 6338	Delta Power Gen, Delta 2	
X149		7/25/2022	19d	8/12/2022	Chester Lat 8" (P470 to P475)	6	Anomaly Investigation Placeholder	Possible line outage	6003	Chester	
X150	Dates to be Determined				West Conshohocken Lat 10" (P454 to P457)	6	Anomaly Investigation Placeholder	Possible line outage	6015	West Conshohocken	
X151		8/22/2022	19d	9/9/2022	Ivyland M&R Lat	6	Anomaly Investigation Placeholder	Possible line outage	6163	Ivyland	
X152		8/15/2022	19d	9/2/2022	Somerton Lateral (P384 to P386)	6	Anomaly Investigation Placeholder	Possible line outage	6192	Somerton	
X153		8/1/2022	19d	8/19/2022	Marcus Hk-Woodbury "B" (P97 to J267)	6	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X154		8/22/2022	19d	9/9/2022	Marcus Hook Lat "B" 30" (to)	6	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X155		9/5/2022	19d	9/23/2022	Mainline "A" (195A0 to 195A5)	6	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X156		6/27/2022	26d	7/22/2022	Mainline "B" (195B0 to 195B20)	6	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X157		5/17/2022	3d	5/19/2022	Mainline "B" (195B0 to 195B20)	6	Pipeline Inspection	No meter impact anticipated at this time			
X158	Dates to be Determined				Station 195	6	Facility Modification	Compressor Station Outage, Possible impact to the availability of transportation services scheduled North to South on the Mainline	6163	Ivyland	
X159		5/23/2022	32d	6/24/2022	Mainline "B" (195B20 to 505B0)	6	Anomaly Investigation Placeholder	Possible line outage	3133/4133	Lambertville In/Out	
X160		5/16/2022	5d	5/20/2022	Mainline "A" (P352 to 200A0)	6	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X161	Dates to be Determined				Station 200	6	Facility Modification	Compressor Station Outage			
X162	Deferred from 2021; Dates TBD				Mainline "B" (200B1 to 200B10)	6	Pipe Replacement	No meter impact anticipated at this time			
X163		9/26/2022	33d	10/28/2022	Mainline "C" (200C10 to R7)	6	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X164		7/11/2022	18d	7/29/2022	Mainline "A" (R1 to R2)	6	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X165		7/11/2022	18d	7/29/2022	Mainline "A" (R3 to R4)	6	Anomaly Investigation Placeholder	No meter impact anticipated at this time			

Pennsylvania & New Jersey Construction & Maintenance

Job Number	Status	Start	Outage Duration (Days)	Finish	Location	Zone	Maintenance Activity	Anticipated Impact	Meter No.	Meter Name	1Line Nominatable Location ID
X166		8/1/2022	18d	8/19/2022	200-24 Crossover	6	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X167		6/21/2022	3d	6/23/2022	Patterson Lateral 10" (J645 to J651)	6	Pipeline Inspection	Controlled flow needed during tool run and minimal impact during tool passage	6091, 6047	Fairlawn, Patterson	1003329, 1003324
X168		10/3/2022	19d	10/21/2022	Erie St Lat (J157 to J418)	6	Anomaly Investigation Placeholder	Possible line outage	6023	Erie Street	1003329, 1003324
X169		10/24/2022	19d	11/11/2022	Orange & Rockland Lat 16" (J215 to)	6	Anomaly Investigation Placeholder	Possible line outage	6266	Orange-Rockland Riverdale	1006266
X170		6/13/2022	4d	6/16/2022	Patterson Lateral 30" (J597 to J641)	6	Pipeline Inspection	No meter impact anticipated at this time			
X171		6/28/2022	3d	6/30/2022	N New Jersey Lateral (J647 to J648)	6	Pipeline Inspection	No meter impact anticipated at this time			
X172		8/29/2022	3d	8/31/2022	Bayonne Lateral 14" (J883 to J779)	6	Pipeline Inspection	Controlled flow needed during tool run and minimal impact during tool passage	6323	BEC	N/A
X173		10/3/2022	19d	10/21/2022	72nd St Lat 36"	6	Anomaly Investigation Placeholder	Potential Meter Outage	6115	Central Manhattan	1006571
X174		7/12/2022	3d	7/14/2022	72nd St Lateral Hudson River Crossing N (J246 to Y16)	6	Pipeline Inspection	No meter impact anticipated at this time			
X175		7/19/2022	3d	7/21/2022	72nd St Lateral Hudson River Crossing S (J249 to Y17)	6	Pipeline Inspection	No meter impact anticipated at this time			
X176		5/24/2022	3d	5/26/2022	Lower Bay Loop C (Morgan M&R to Long Beach M&R) (LNYBR1 to Y27)	6	Pipeline Inspection	Controlled flow needed during tool run and minimal impact during tool passage	6210, 6334	Long Beach, Floyd Bennett - Nat Grid	N/A
X177		8/9/2022	3d	8/11/2022	Mainline "A" (J640 to J637)	6	Pipeline Inspection	Controlled flow needed during tool run and minimal impact during tool passage	6023, 6346, 6345, 6033, 6347, 6017, 6025, 6031, 6197	Erie Street, Railroad Linden, Sewaren, Sewaren Utility, Cloverleaf, Grandview, Central, Edison Gen Sta	1003385, 9009687, 1003320, 9009769, 1093384, 1003386, 1003319, 1003339
X178		9/12/2022	19d	9/30/2022	Brooklawn M&R Lat (J102 to J107)	6	Anomaly Investigation Placeholder	Possible line outage	6083	Brooklawn	
X179	Dates to be Determined				Lower Bay Loop "C" (LNYBR1 to Y27)	6	Anomaly Investigation Placeholder	Possible line outage	6210, 6334	Long Beach, Floyd Bennett - Nat Grid	
X180		9/12/2022	19d	9/30/2022	Marcus Hk-Woodbury "C"	6	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X181		7/12/2022	5d	7/16/2022	Mainline "A" (200A0 to 200A23)	6	Pipeline Inspection	No meter impact anticipated at this time			
X183		8/2/2022	3d	8/4/2022	Mainline "E" (J626 to R3)	6	Pipeline Inspection	Minimal impact during tool passage	6296	Squibb Cogen	1003350
X184		5/30/2022	26d	6/24/2022	Leidy Line "A" (505LA61 to 515LA0)	6	Anomaly Investigation Placeholder	No meter impact anticipated at this time			

Pennsylvania & New Jersey Construction & Maintenance

Job Number	Status	Start	Outage Duration (Days)	Finish	Location	Zone	Maintenance Activity	Anticipated Impact	Meter No.	Meter Name	1Line Nominatable Location ID
X185		5/30/2022	26d	6/24/2022	Leidy Line "A" (505LA80 to 505LA90)	6	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X186		10/24/2022	19d	11/11/2022	Leidy 505-80 Crossover	6	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X187		5/16/2022	12d	5/27/2022	Leidy Line "C" (515LC0 to 517LC09)	6	Anomaly Investigation Placeholder	Possible line outage	3602	Barto	
X188		9/5/2022	19d	9/23/2022	Leidy Line "C" (515LC0 to 517LC09)	6	Anomaly Investigation Placeholder	Possible line outage	3602	Barto	
X189		6/27/2022	40d	8/5/2022	Leidy Loop "B" (515LB0 to 517LB0)	6	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X190		5/15/2022	11d	5/25/2022	Leidy Line "A" (515LA30 to 517LA0)	6	Facility Modification	Refer to 1line Notice ID XXXXXX			
X191		9/26/2022	19d	10/14/2022	Leidy Line "C" (517LC09 to 520LC0)	6	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X192		4/25/2022	19d	5/13/2022	Leidy Line "D" (517LD20 to 520LD0)	6	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X193		8/8/2022	26d	9/2/2022	Leidy Line "C" (520LC0 to 520LC30)	6	Anomaly Investigation Placeholder	Possible line outage	3605	Canoe Run	
X194		4/11/2022	12d	4/22/2022	Leidy Line "D" (520LD0 to 520LD25)	6	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X195		6/6/2022	26d	7/1/2022	Leidy Line "A" (520LA20 to 520LA30)	6	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X196		7/11/2022	26d	8/5/2022	Leidy Line "B" (520LB20 to 520LB30)	6	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X197		8/8/2022	26d	9/2/2022	Leidy Line "C" (520LC20 to 520LC30)	6	Anomaly Investigation Placeholder	No meter impact anticipated at this time			
X198		6/20/2022	1d	6/20/2022	TR14 (Station 535) (NFG 12" BLK VLV to PL889)	6	Anomaly Investigation Placeholder				
X199		6/27/2022	5d	7/1/2022	TR2-S12 (Station 535) (PL874 to PL894)	6	Anomaly Investigation Placeholder				
X200		6/13/2022	5d	6/17/2022	TR16 (Station 535) (PL882 to NFG 12" BLK VLV)	6	Anomaly Investigation Placeholder				
X201		6/6/2022	5d	6/10/2022	Leidy Line "A"(505L62 to 515A0)	6	Pipeline Inspection	No meter impact anticipated at this time			

Now What?

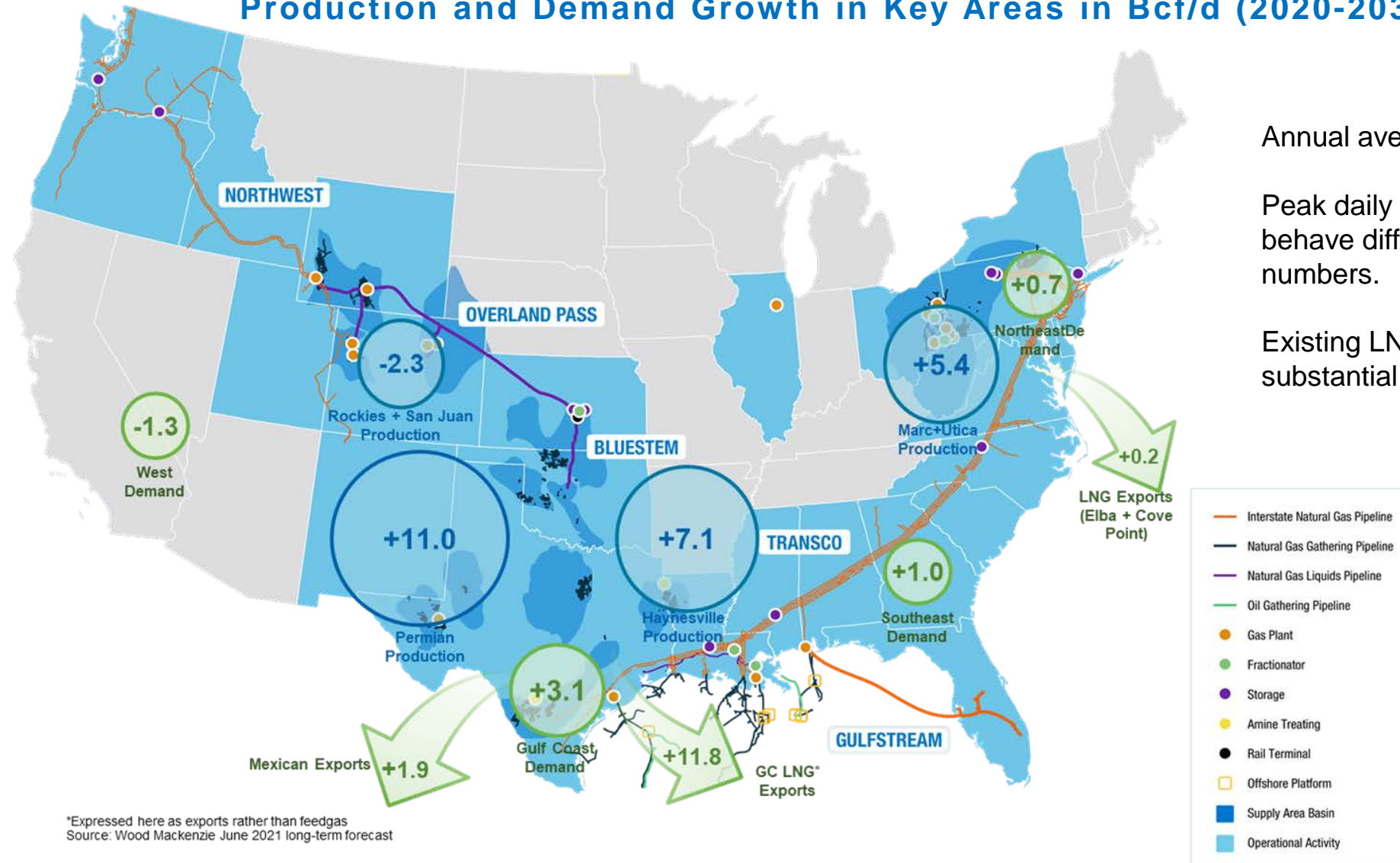
- Individual Project Updates
 - Job numbers and outage dates are subject to change
 - 2022 Transco 1Line maintenance table will be posted in single posting with current 2021 table
- Further Questions?
 - Ross Sinclair (Manager, Pipeline Control)
 - 713-215-2688
 - Ross.M.Sinclair@Williams.com
 - Richard Truxell (Consultant, Pipeline Control)
 - 713-215-4044
 - Richard.W.Truxell@Williams.com
 - Matthew Walsh (Maintenance Coordinator, Pipeline Control)
 - 713-215-4135
 - Matthew.walsh@williams.com
 - Your Transco Representative

Commercial Update

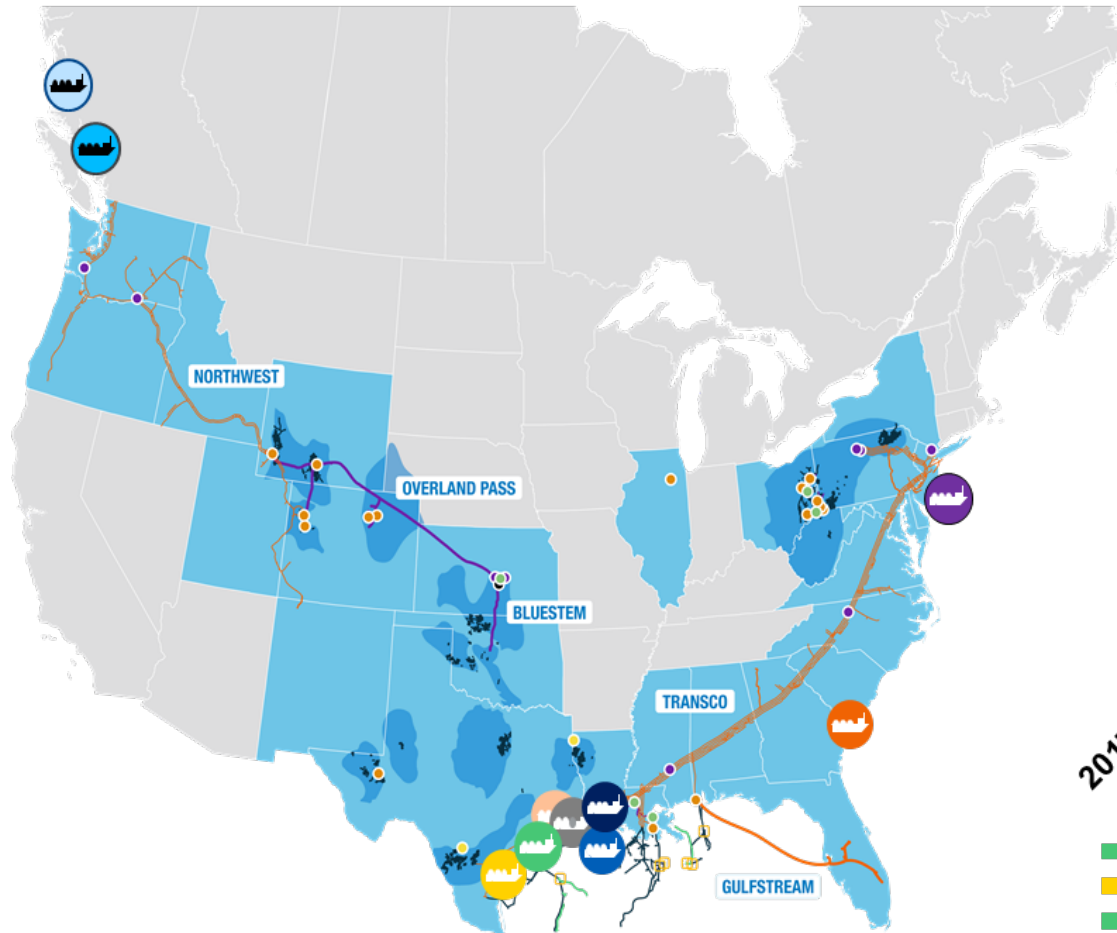


Connecting Regional Natural Gas Demand with Best-in-Class Production Basins

Production and Demand Growth in Key Areas in Bcf/d (2020-2030)

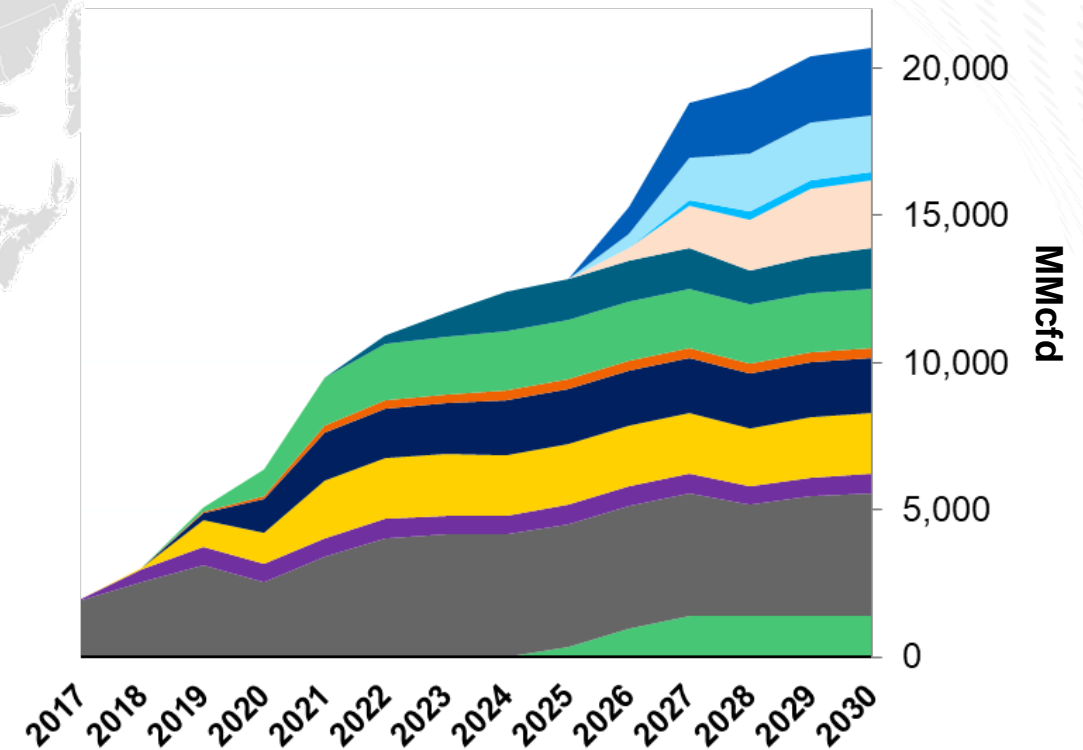


North American LNG Export Growth Has Just Begun



Source: Wood Mackenzie 1H '21 data used for graph.

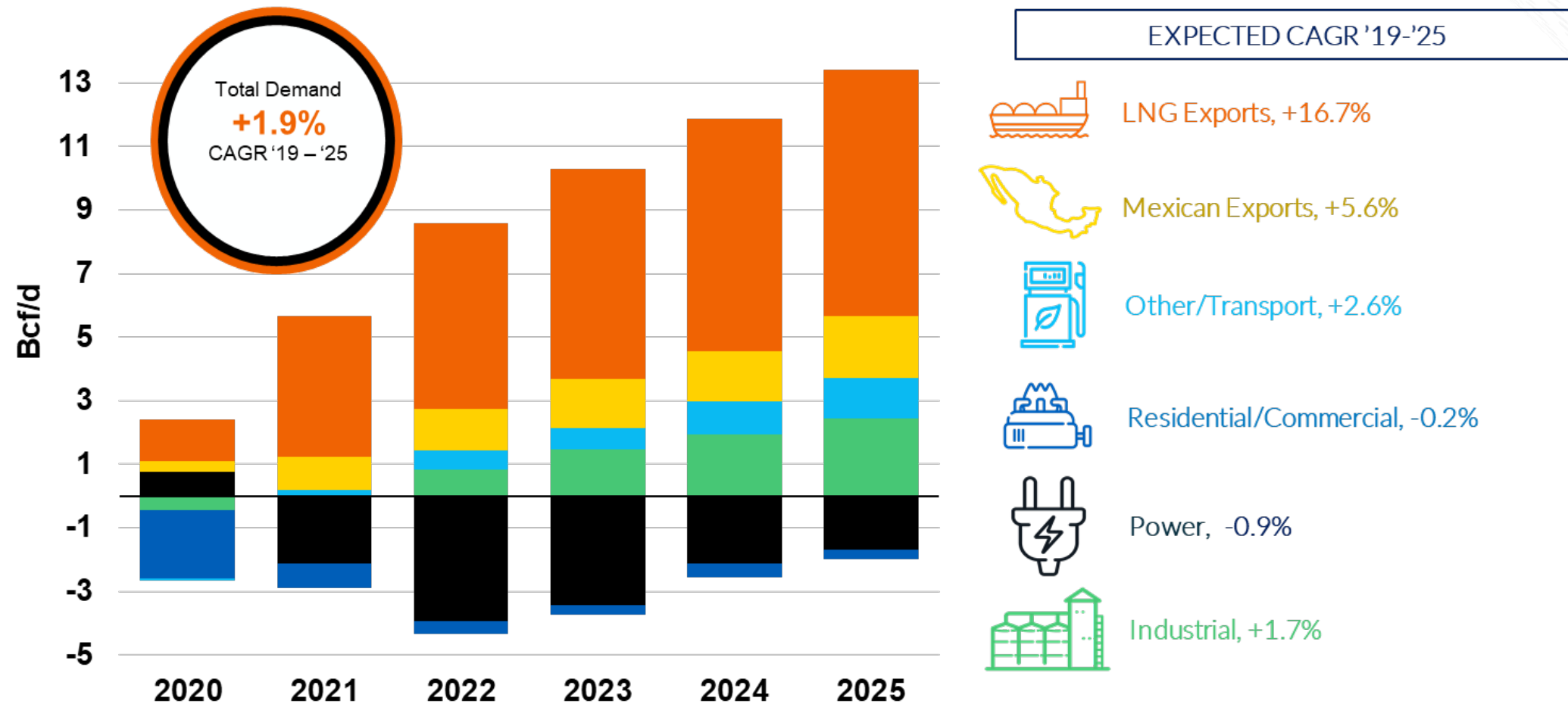
FORECASTED N.A. LNG EXPORT ANNUAL VOLUMES
(2017 – 2030)



- Plaquemines
- Corpus Christi
- Freeport
- Woodfibre LNG
- Sabine Pass
- Cameron
- Calcasieu Pass
- LNG Canada
- Cove Point
- Elba Island
- Golden Pass
- Driftwood

Natural Gas Demand and Exports are Driving Growth

LOWER 48 NATURAL GAS DEMAND CUMMULATIVE GROWTH BY SECTOR (2019–2025)

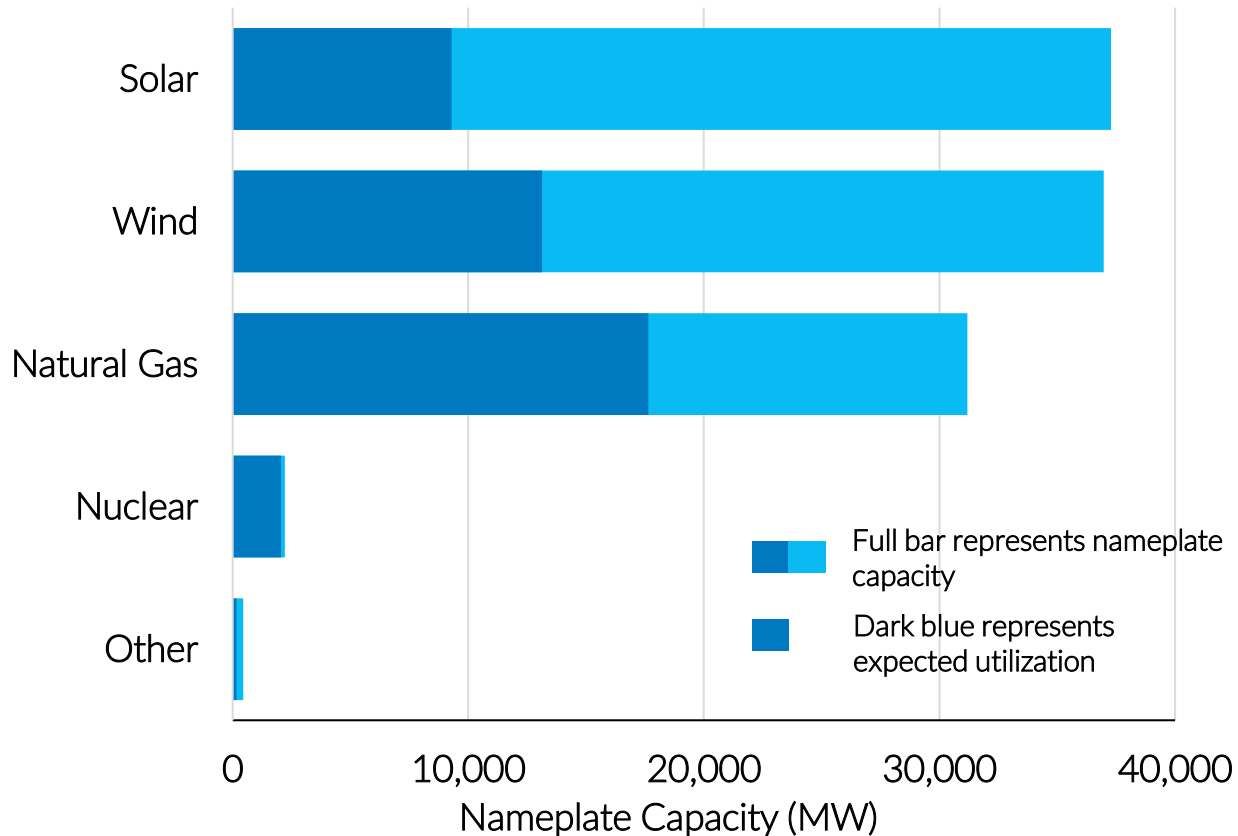


Source: Wood Mackenzie 1H '21

Natural Gas is a Necessary Complement to Increasing Intermittent Renewables Generation and New Capacity Continues to be Added



Power Generation Projects Built in '20-'21, Under Construction, or Permitted by Fuel Type



Source: U.S. Energy Information Administration

Note: Excludes 6,472 MW of battery storage projects. "Other" category consists of hydroelectric, petroleum liquids, biomass and landfill gas

Effective Supply as Needed



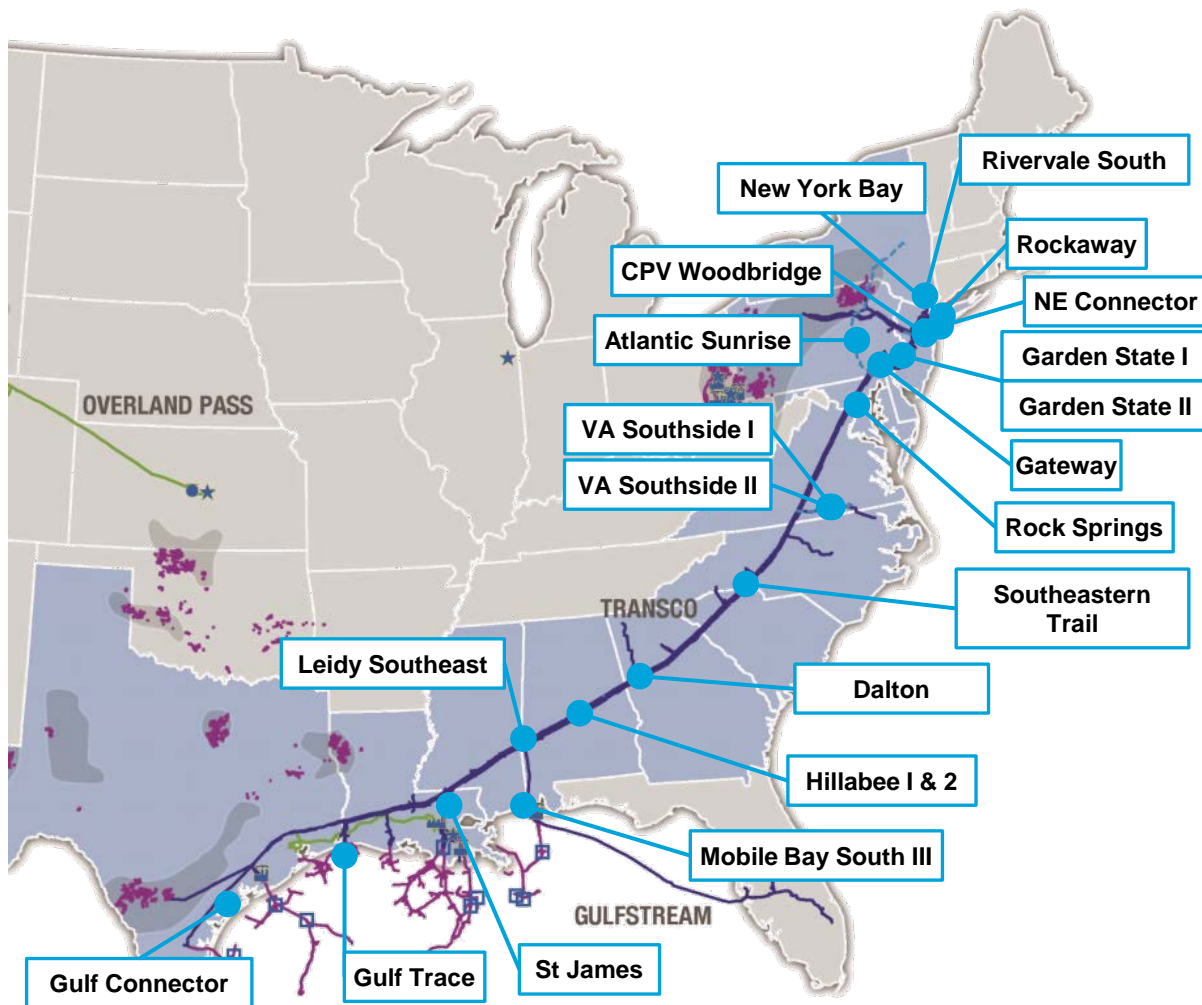
- > Substantially more solar and wind are being installed than natural gas by nameplate capacity, but **neither** will create as much actual power as the new natural gas plants.
- > Importantly, **daily and monthly** power production from **wind and solar** plants will routinely be a **small fraction** of the yearly averages shown.

Partnering with Renewables



- > As states make strides toward **renewable power**, it is vital for **natural gas-fired** generation to follow as a backup fuel to ensure **grid reliability**.
- > **Utility scale battery backup** is still in its infancy and **will require natural gas fired generation** at times for reliable charging.
- > Natural gas **pipeline capacity** is increasingly **valuable** as more capacity will be needed to support the **intermittent nature** of renewable power

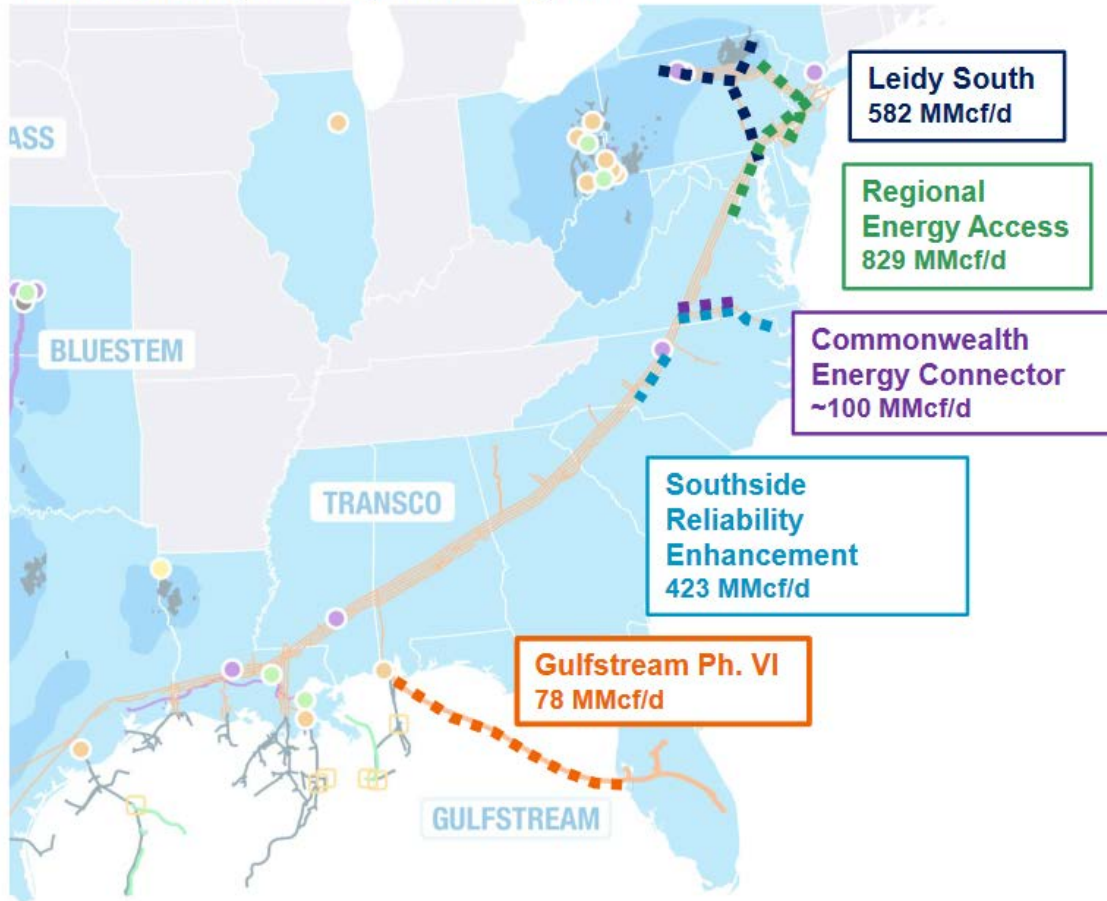
Leveraging Recent Successes



Opportunity	In-Service Year	Qty (dt/day)
CPV Woodbridge	2015	264,000
Mobile Bay South III	2015	225,000
NE Connector	2015	100,000
Rockaway	2015	647,000
VA Southside I	2015	250,000
Leidy Southeast	2016	525,000
Rock Springs	2016	192,000
New York Bay	2017	115,000
Garden State I	2017	20,000
VA Southside II	2017	250,000
Dalton	2017	448,000
Hillabee I	2017	818,000
Gulf Trace	2017	1,200,000
Garden State II	2018	160,000
Atlantic Sunrise	2018	1,700,000
Gulf Connector	2019	475,000
St. James Supply	2019	161,500
Rivervale South	2019	190,000
Hillabee 2	2020	206,660
Gateway	2020	65,000
Southeastern Trial	2021	296,375
Total:		8,308,535

Looking to the Future

Williams' U.S. Asset Map, Highlighting Natural Gas Transmission Pipeline Expansion Projects



Project	Target In-Service	Current Status	Project Capacity
Leidy South	4Q '20 / 4Q '21	Partial In-Service; Under Construction	582 MMcf/d
Gulfstream Ph. VI	4Q '22	Received FERC Certificate Mar. '20; Major Permits Received	78 MMcf/d
Regional Energy Access	4Q '23	Filed FERC Application Mar. '21	829 MMcf/d
Southside Reliability Enhancement	4Q '24	Pre-Filed in October '21	423 MMcf/d
Commonwealth Energy Connector	4Q '25	Open Season Ends Nov. 23, 2021	~100 MMcf/d

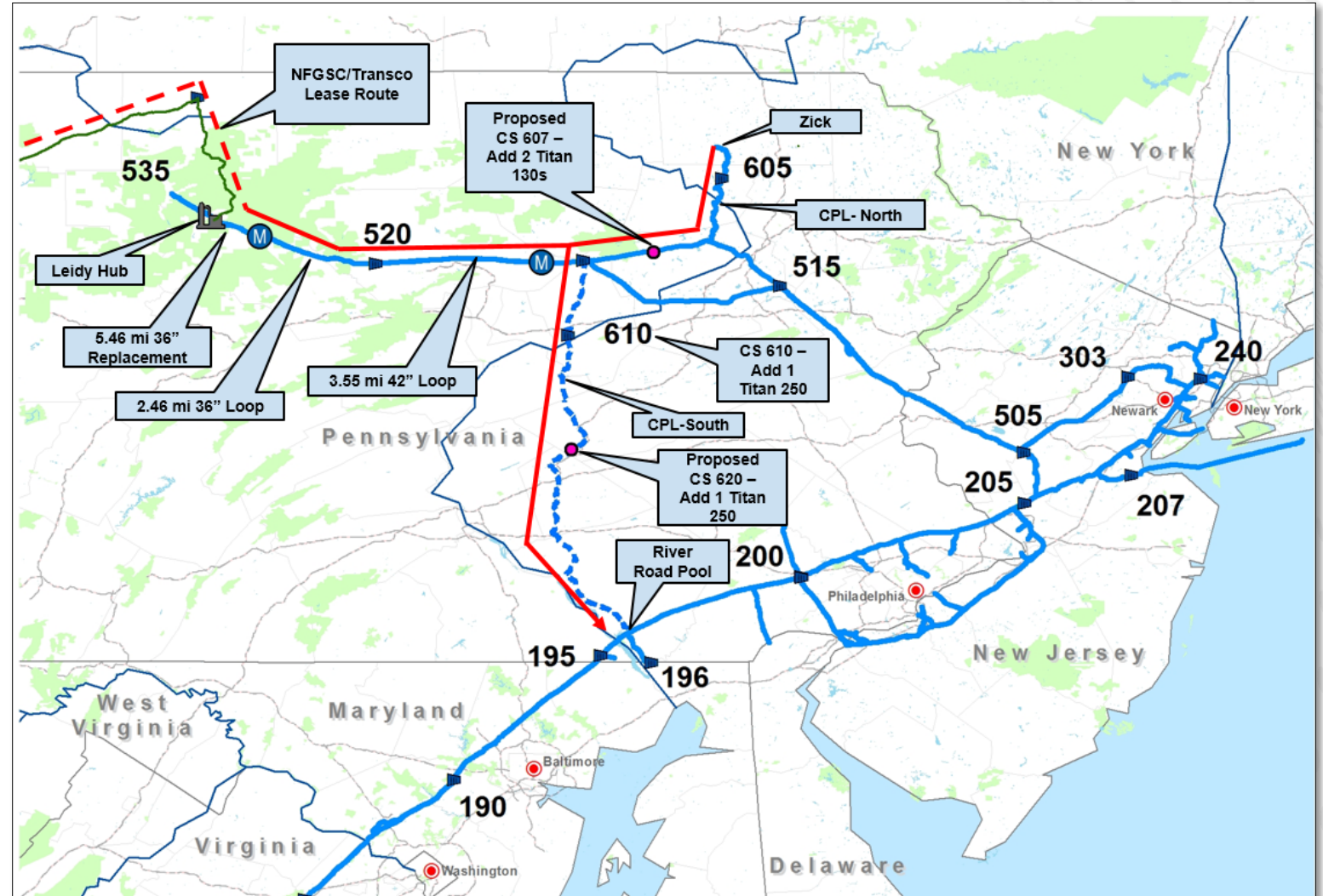


Leidy South

Enabling Increased Takeaway from the Marcellus

Project Facts:

- Path: Elk County, PA (via NFG lease) and Zick - all to River Road on the Transco mainline
- Facilities: 11.4 miles of pipeline looping, greenfield stations 607 and 620, additional HP at station 610
- Capacity: 582.4 MDth/d
- 125 MDth/d of partial service began November 2020
- Proposed full ISD: December 1, 2021

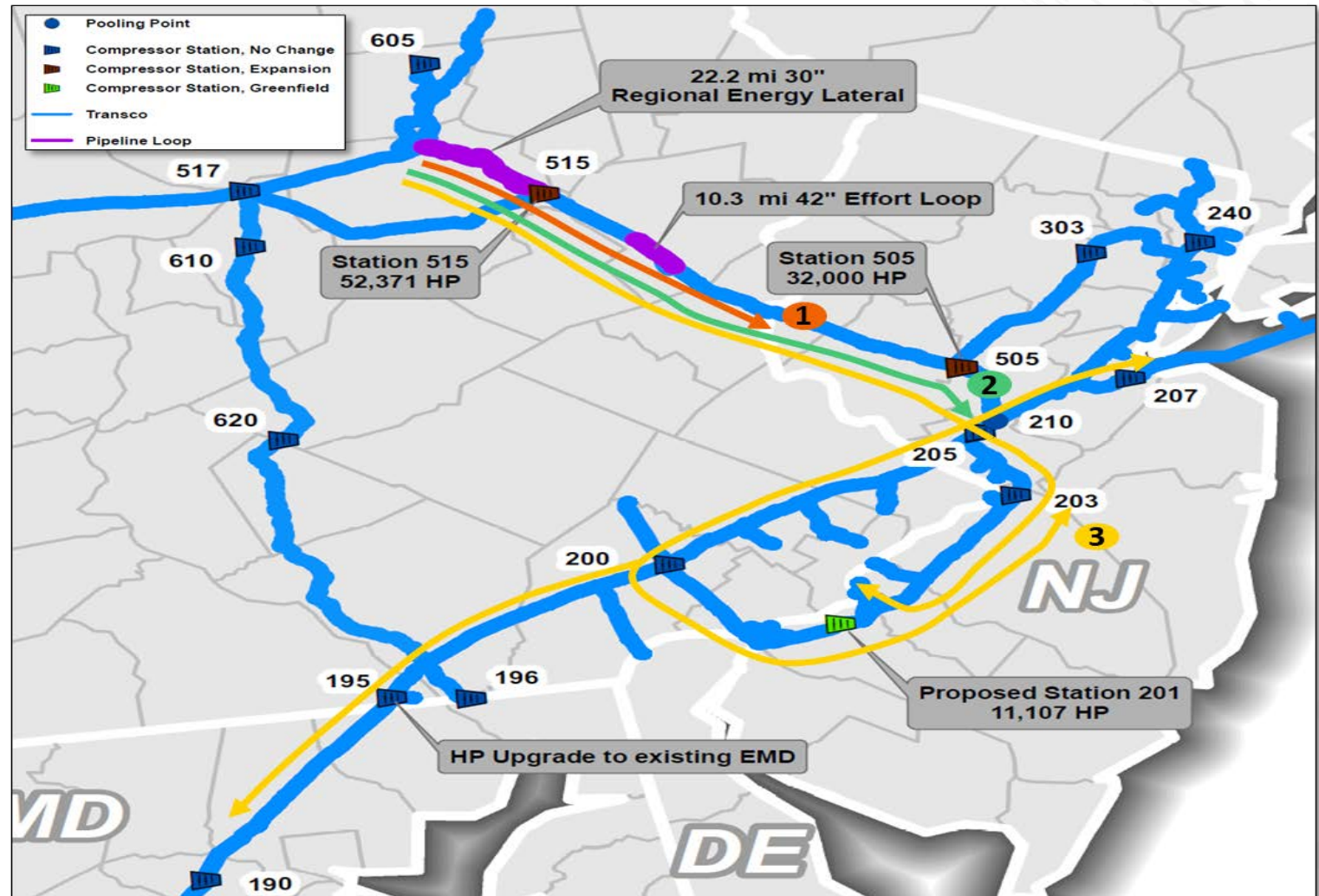


Regional Energy Access

Leidy Supply for Increased End User Demand in the Northeast

Project Facts:

- Path 1: Chapin B to multiple delivery points along Leidy.
- Path 2: Chapin B to the Station 210 Zone 6 pool.
- Path 3: Chapin B to Zone 6 mainline and the Marcus Hook and Trenton Woodbury Laterals.
- Facilities: 22.3 mile lateral, a 13.8-mile pipeline loop, new compressor station 201 in New Jersey, expansion at two existing compressor stations, modifications at three compressor stations and modifications to multiple Transco and customer regulating and meter stations.
- Capacity: 829.4 MDth/d
- Proposed ISD: Dec. 1, 2023

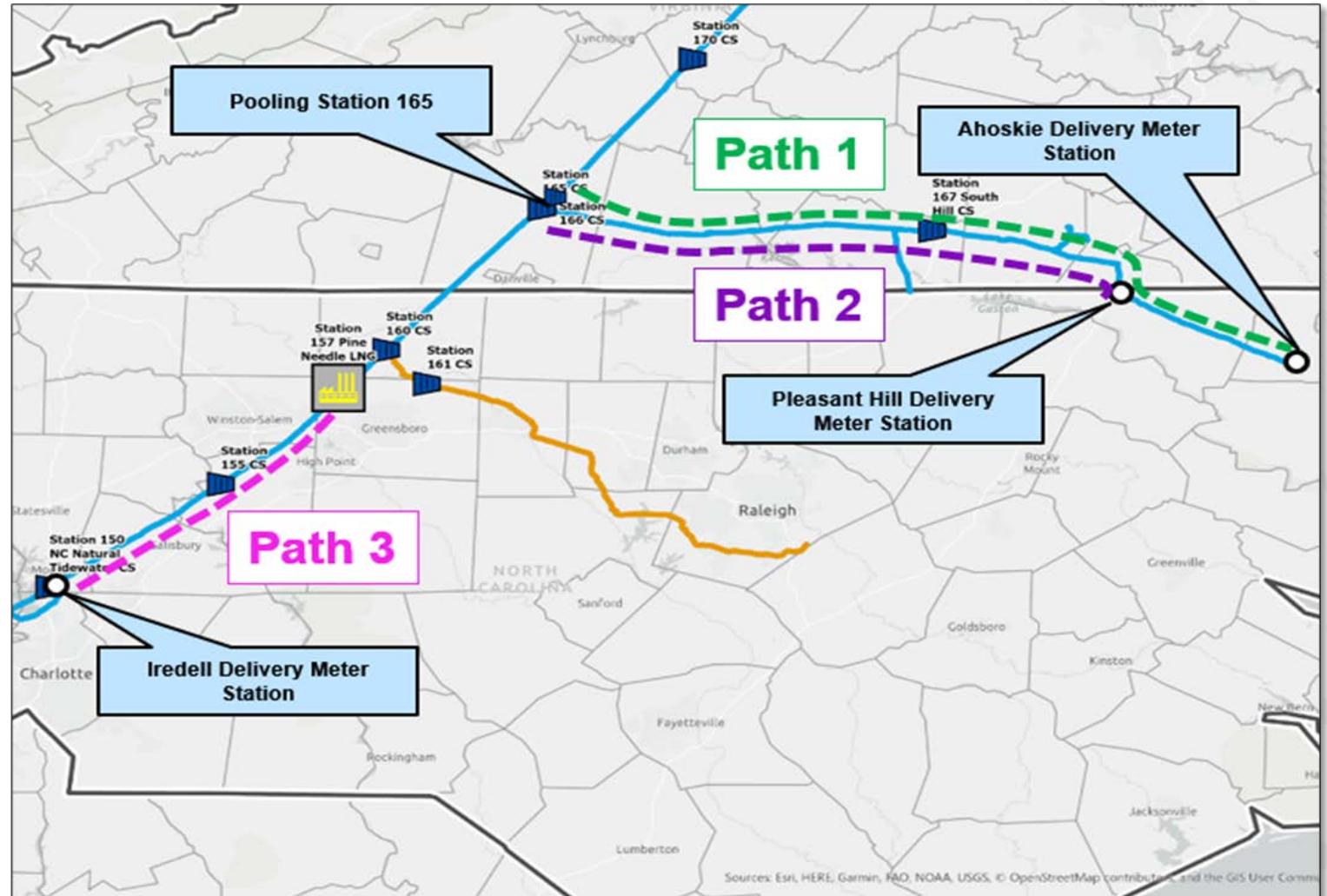


Southside Reliability Enhancement

Serving Growing Demand in the Mid-Atlantic

Project Facts:

- Paths:
 - Path 1 – Transco's Station 165 Pool and proposed interconnect with Mountain Valley Pipeline to the Ahoskie Delivery
 - Path 2 – Transco's Station 165 Pool and proposed interconnect with Mountain Valley Pipeline to the Pleasant Hill Delivery
 - Path 3 – Transco's Pine Needle Interconnect to the Iredell Delivery
- Capacity: 423.4 MDth/d
- Open season completed on September 9, 2021
- Proposed ISD: December 1, 2024

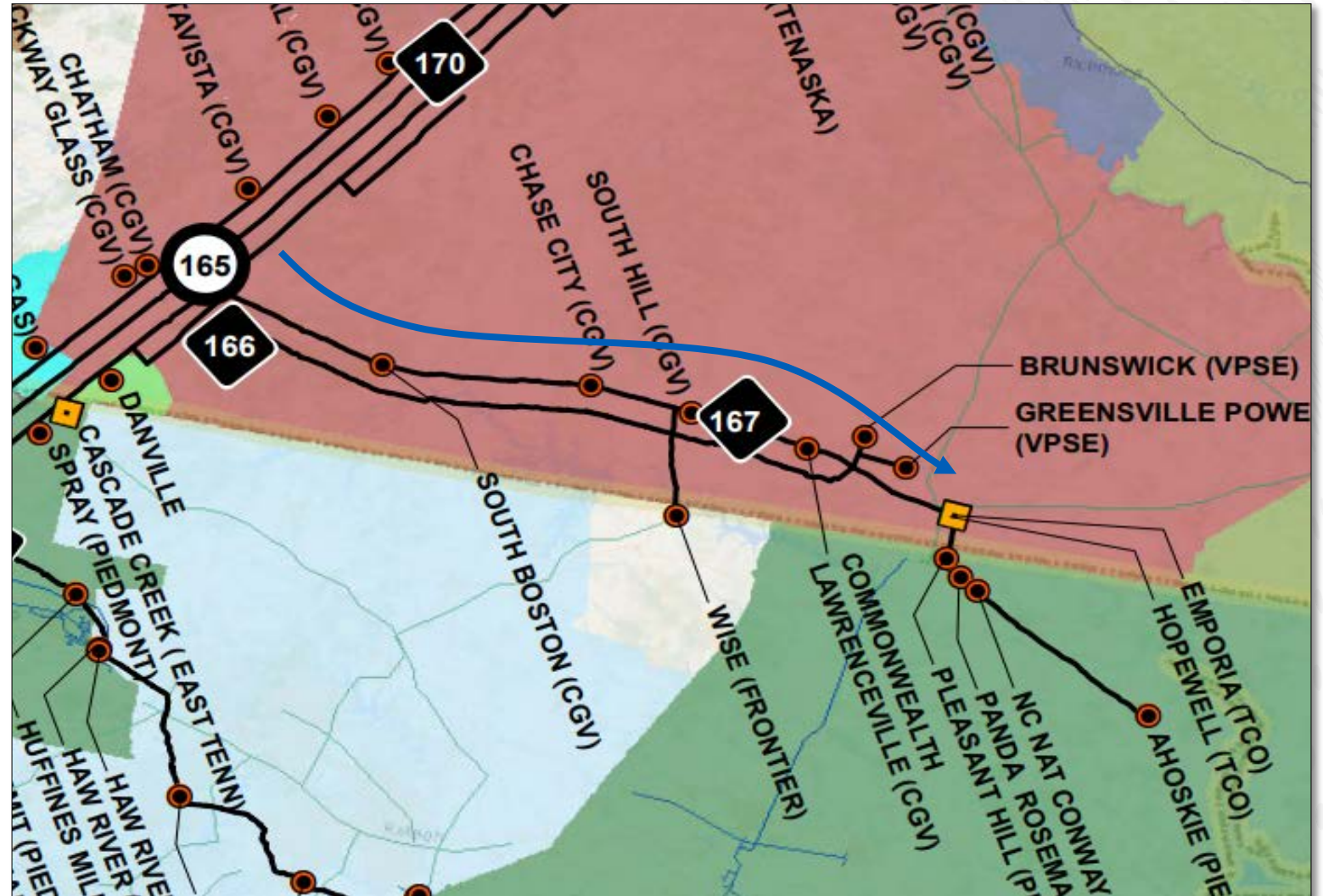


Commonwealth Energy Connector

South Virginia Lateral Expansion to Interstate Connectivity

Project Facts:

- Path:
 - From Transco's Pooling Station 165 to Transco's existing interconnect with Columbia Gas Transmission at the Emporia delivery meter station
- Capacity:
 - Full Project: 105 MDth/d
- Open season:
 - Ends November 23, 2021, at 12pm Central
- Proposed ISD:
 - Full Project: November 1, 2025



1Line & Commercial Technology Summary

Recent Changes to 1Line:

- Improvements to Imbalance Resolution Summary Page and Statement
- Auto Prior Month Makeup Option
- Editing Temporary Capacity Release Tables
- Rate Matrices File Format
- Nominatable Maps
- System Management Gas Monthly Reporting*
- Marcus Hook and Trenton Woodbury Looping
- Daily/Weekly Imbalances*

Changes Planned by Year End:

- Automation of Pooling Segmentation for Deliveries in Zones 4 and 5*
- Leidy South Expansion
- Null Points and Hourly Pressures*

Changes Expected in 2022:

- NAESB 3.2
- 1Line Customer Forum Survey

Analytics

* Docket Nos. RP20-614 and RP20-618 Stipulation and Agreement, approved in 176 FERC ¶ 61,066 (2021)

1Line – What's New

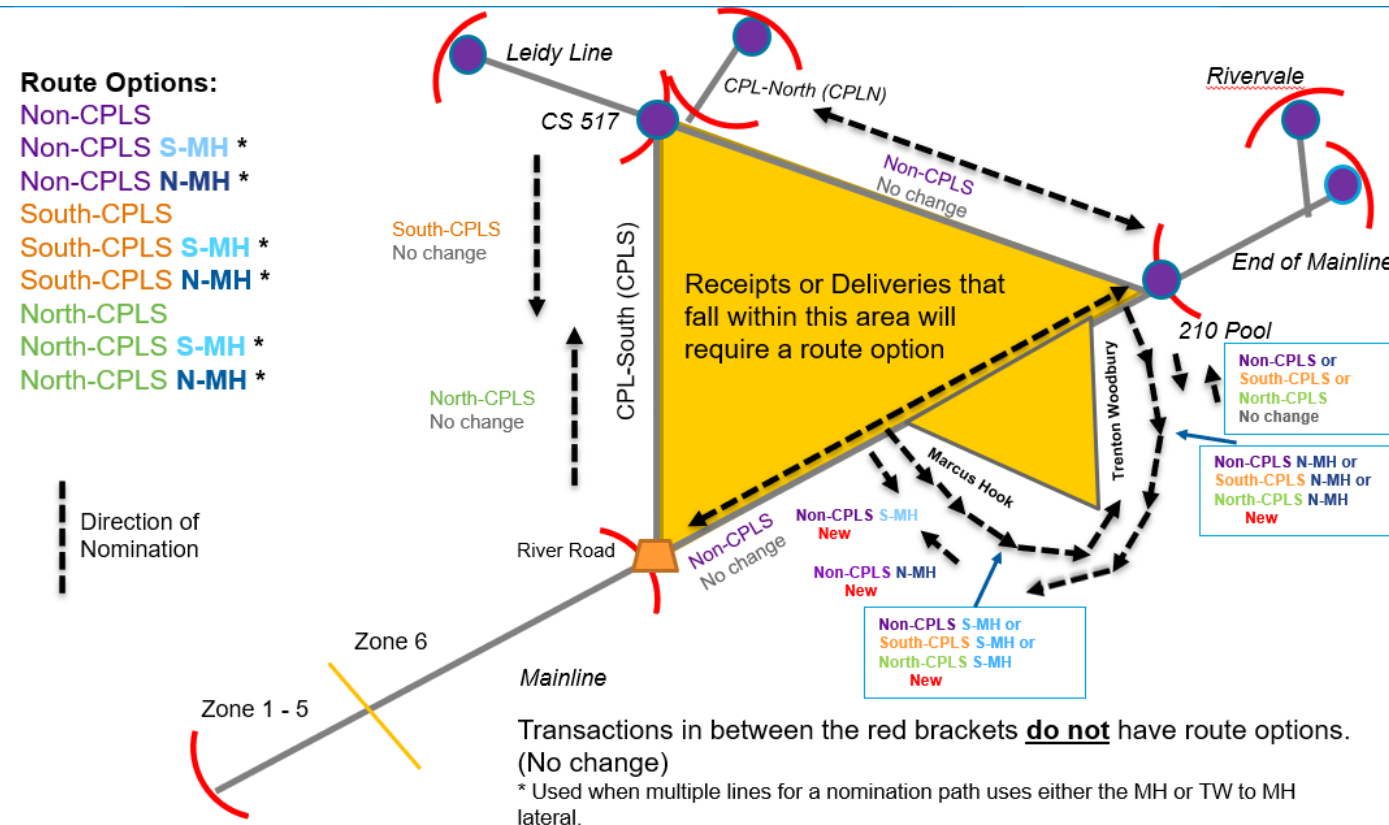
Recent Changes to 1Line

- Improvements to Imbalance Resolution Summary Page and Statement
 - Imbalance Resolution Summary page and Statement tailored for better flow for cash out activity and current month activity.
 - Page and statement have separate views/reports for Transportation and OBA imbalances
 - Eliminated designations of “subject to” and “not subject to”
- Auto Prior Month Makeup Option
 - Available to OBA operators with in-kind/cash out (hybrid) type OBAs
 - Option to elect to have prior month makeup to be automatically scheduled and allocated
- Editing Temporary Capacity Release Tables
 - Ability for the releaser to adjust the traditional rights for temporary non-telescoped, multi-path contract releases
- Rate Matrices File Format
 - Effective August 1, 2021 the format of Excel is now available
- 2021 Nominatable North and South Maps
 - Available from the Informational Postings page
- System Management Gas Monthly Reporting
 - A final requirement established in Section C.(1)(a) of Article VI of the Docket Nos. RP20-614 and RP20-618 Stipulation and Agreement, approved in 176 FERC ¶ 61,066 (2021) is to provide a monthly report of SMG activity. A new tab has been added to the main page of Transco's Informational Postings that provides this report.

1Line – What's New

Recent Changes to 1Line

- Marcus Hook and Trenton Woodbury Looping
 - Effective November 1, 2021, Transco connected the Marcus Hook and Trenton Woodbury laterals to form a loop.
 - Like the loop of the Central Penn Line and Leidy Line, the use of a route is required for all nominations that cross either loop.
 - Additional information can be found on Transco's Informational Postings page>Customer Info>Presentations.



1Line – What's New

Recent Changes to 1Line

■ Daily/Weekly Imbalances

- A requirement established in Section C.(1)(a) of Article VI of the Docket Nos. RP20-614 and RP20-618 Stipulation and Agreement, approved in 176 FERC ¶ 61,066 (2021) was to provide daily and weekly imbalances. This page can be found off the main page of Transco's Informational Postings under Posted Imbalances and provides seven days of transportation and OBA Imbalances by Zone/OIA.

Shipper Daily/Weekly Imbalance

(does not include retro activity)

Gas Day	OIA 1					OIA 2			OIA 3	OIA 4	System Total
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 4A	Zone 4B	Zone 4	Zone 5	Zone 6	Zone 6	
09/06/2021	(97,643)	(1,589)	(23,584)	(2,579)	(22)	634	22,972	7,071	107,705	25,678	38,643
09/07/2021	(9,958)	(2,107)	2,398,812	(1,940)	(51)	634	607,901	127,334	144,814	(27,947)	3,237,492
09/08/2021	1,140	2,947	932,832	4,616	(51)	660	708,290	77,322	25,360	14,451	1,767,567
09/09/2021	(11,072)	7	34,749	(2,506)	(19)	(7,326)	(77,427)	51,032	(30,436)	2,427	(40,571)
09/10/2021	(10,318)	510	37,012	1,474	0	(13,947)	33,361	(9,871)	(99,926)	(18,540)	(80,245)
09/11/2021	(11,639)	412	9,879	(182)	0	5,445	56,995	(43,115)	(182,521)	(13,609)	(178,335)
09/12/2021	(3,725)	964	(58,034)	(11,250)	0	4,795	(42,100)	49,488	(46,040)	11,697	(94,205)
7 Day Cumulative	(143,215)	1,144	3,331,666	(12,367)	(143)	(9,105)	1,309,992	259,261	(81,044)	(5,843)	4,650,346

+ Due From/Short; (-) Due To/Long

OBA Daily/Weekly Imbalance

(does not include retro activity)

Gas Day	OIA 1					OIA 2			OIA 3	OIA 4	System Total
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 4A	Zone 4B	Zone 4	Zone 5	Zone 6	Zone 6	
09/06/2021	6,619	(53,616)	18,080	(13,188)	57,407	(79,608)	(10,096)	(49,964)	16,378	(39,912)	(147,900)
09/07/2021	2,785	4,234	80,725	97,642	94,791	(71,899)	30,258	(37,190)	(4,350)	67,403	264,399
09/08/2021	2,539	32,970	39,851	46,856	61,726	(15,292)	(16,726)	(129,670)	3,967	37,156	63,377
09/09/2021	4,731	41,138	(51,623)	(40,448)	40,986	(15,843)	12,594	159	(6,329)	(8,364)	(22,999)
09/10/2021	(1,038)	(3,142)	(43,863)	24,084	68,754	(39,735)	14,942	(30,104)	1,695	(18,476)	(26,883)
09/11/2021	8,917	(2,805)	64,972	(67,308)	45,699	(70,369)	15,571	1,221	(20,137)	6,039	(18,200)
09/12/2021	30,111	36,278	61,068	(9,928)	42,580	(66,263)	7,490	(28,041)	30,129	3,209	106,633
7 Day Cumulative	54,664	55,057	169,210	37,710	411,943	(359,009)	54,033	(273,589)	21,353	47,055	218,427

1Line – What's Coming 2021

Changes Planned by Year End

- Automation of pooling segmentation for deliveries in Zones 4 and 5
 - Effective December 1, 2021, Transco will offer an automation process in nominations using route to segment transactions for shippers that wish to relocate their potential low burn imbalances from OIA 1 to OIA 2. The 1Line changes are being provided as established in Section D of Article VI of the Docket Nos. RP20-614 and RP20-618 Stipulation and Agreement, approved in 176 FERC ¶ 61,066 (2021).
 - An additional pool will be added to Zone 5 – Station 134 Pool
 - The Station 95 and Station 134 pools will access fuel and transportation charges into these pools
 - Additional information can be found on Transco's Informational Postings page>1Line>Training
- Leidy South Expansion
 - With the remaining capacity of Leidy South expected to be on line by year-end 2021, a new lateral will extend off the Leidy line at milepost 206.8 and will be called NFG Clermont Lateral. A new receipt point Clermont NFG will be available for nominations from the new lateral.
- Null Points and Hourly Pressures
 - An additional requirement established in Section C.(1)(a) of Article VI of the Docket Nos. RP20-614 and RP20-618 Stipulation and Agreement, approved in 176 FERC ¶ 61,066 (2021) is to provide null points and hourly pressures. These items will be added to the main page of Transco's Informational Postings that provides the daily null points each day for Transco's mainline and Leidy lines after the Evening cycle and hourly pressures for most of Transco's compressor stations at the top of each hour.

1Line – What's Coming 2022

Changes Expected in 2022

- NAESB 3.2
 - 1Line will implement the necessary changes to comply with NAESB 3.2 for June 1, 2022, including the supporting of Microsoft Edge.
- Spring 2022 - 1Line Customer Forum Survey will be sent out

Analytics – What's New

■ Commercial Modernization Efforts

- 1Line is undergoing a three-year modernization effort to continue to provide a secured, reliable system for all the Transco pipeline customers. These efforts include:
 - Relocating the 1Line application to the Azure cloud providing benefits and uses of more modern technologies.
 - Evolving architecture to enable future business needs.
 - Improve overall customer experience.

■ Internal Reports to Support Customer Needs

- Imbalances
- Contract Life
- Contract Utilization
- Customer Storage balances and Trends
- Measurement
- Invoicing
- Pipeline Predictive Analytics to Support Pipeline Reliability

Analytics – Future Enhancements

With the modernization efforts, Transco is looking at providing more interactive tools for our customers. The types of tools include:

- Interactive Help Tools
 - Automated self-password reset
 - Frequently Asked Questions (FAQ) reference area
- Enhanced Mapping
 - Constraints
 - Maintenance
- Customer Interactive Portal (Preliminary Design)
 - Provide dashboards for data analysis
 - Evaluating platforms to ensure security, accessibility, and ease of use



Stay Connected



[Linkedin.com/company/Williams-Company](https://www.linkedin.com/company/Williams-Company)



[@WilliamsUpdates](https://twitter.com/WilliamsUpdates)



[@williamsenergy](https://www.instagram.com/williamsenergy)



[Facebook.com/WilliamsEnergyCo](https://www.facebook.com/WilliamsEnergyCo)



[Williams Energy Company](https://www.youtube.com/WilliamsEnergyCompany)

Thank You & Questions