



# ENERGY TRANSFER

Investor Presentation

November 2020

**ET**  
LISTED  
**NYSE**



## FORWARD-LOOKING STATEMENTS / LEGAL DISCLAIMER

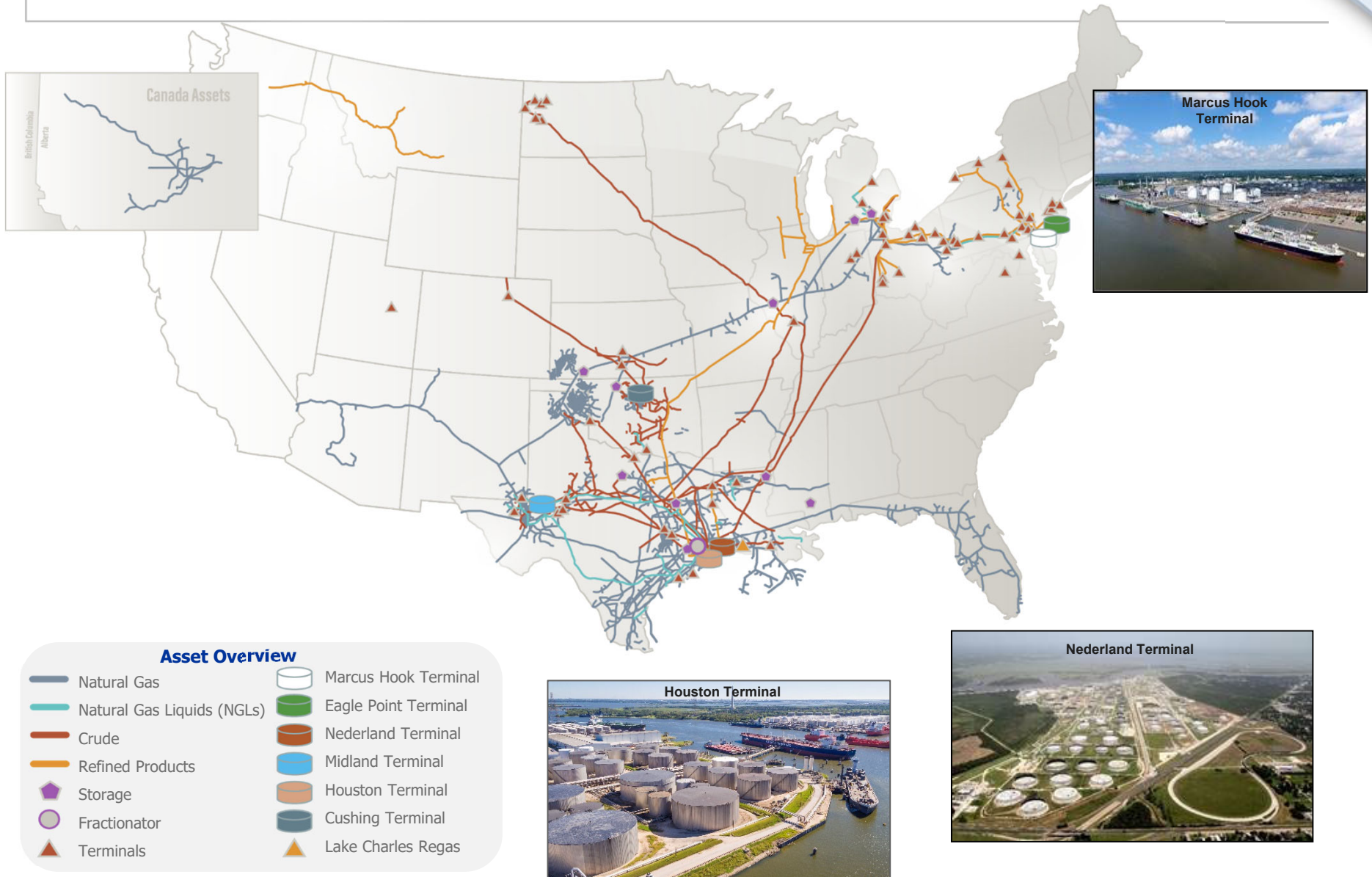
Management of Energy Transfer LP (ET) will provide this presentation to analysts and/or investors at meetings to be held throughout November 2020. At the meetings, members of management may make statements about future events, outlook and expectations related to Panhandle Eastern Pipe Line Company, LP (PEPL), Sunoco LP (SUN), USA Compression Partners, LP (USAC), Energy Transfer Operating, L.P. (ETO) and ET (collectively, the Partnerships), and their subsidiaries and this presentation may contain statements about future events, outlook and expectations related to the Partnerships and their subsidiaries all of which statements are forward-looking statements. Any statement made by a member of management of the Partnerships at these meetings and any statement in this presentation that is not a historical fact will be deemed to be a forward-looking statement. These forward-looking statements rely on a number of assumptions concerning future events that members of management of the Partnerships believe to be reasonable, but these statements are subject to a number of risks, uncertainties and other factors, many of which are outside the control of the Partnerships. While the Partnerships believe that the assumptions concerning these future events are reasonable, we caution that there are inherent risks and uncertainties in predicting these future events that could cause the actual results, performance or achievements of the Partnerships and their subsidiaries to be materially different. These risks and uncertainties are discussed in more detail in the filings made by the Partnerships with the Securities and Exchange Commission, copies of which are available to the public. In addition to the risks and uncertainties disclosed in our SEC filings, the Partnership may have also been, or may in the future be, impacted by new or heightened risks related to the COVID-19 pandemic and the recent sharp declines in commodity prices, and we cannot predict the length and ultimate impact of those risks. The Partnerships expressly disclaim any intention or obligation to revise or publicly update any forward-looking statements, whether as a result of new information, future events, or otherwise. The Partnerships expressly disclaim any intention or obligation to revise or publicly update any forward-looking statements, whether as a result of new information, future events, or otherwise.

This presentation includes certain forward looking non-GAAP financial measures as defined under SEC Regulation G, including estimated adjusted EBITDA. Due to the forward-looking nature of the aforementioned non-GAAP financial measures, management cannot reliably or reasonably predict certain of the necessary components of the most directly comparable forward-looking GAAP measures without unreasonable effort. Accordingly, we are unable to present a quantitative reconciliation of such forward-looking non-GAAP financial measures to their most directly comparable forward-looking GAAP financial measures.

All references in this presentation to capacity of a pipeline, processing plant or storage facility relate to maximum capacity under normal operating conditions and with respect to pipeline transportation capacity, is subject to multiple factors (including natural gas injections and withdrawals at various delivery points along the pipeline and the utilization of compression) which may reduce the throughput capacity from specified capacity levels.

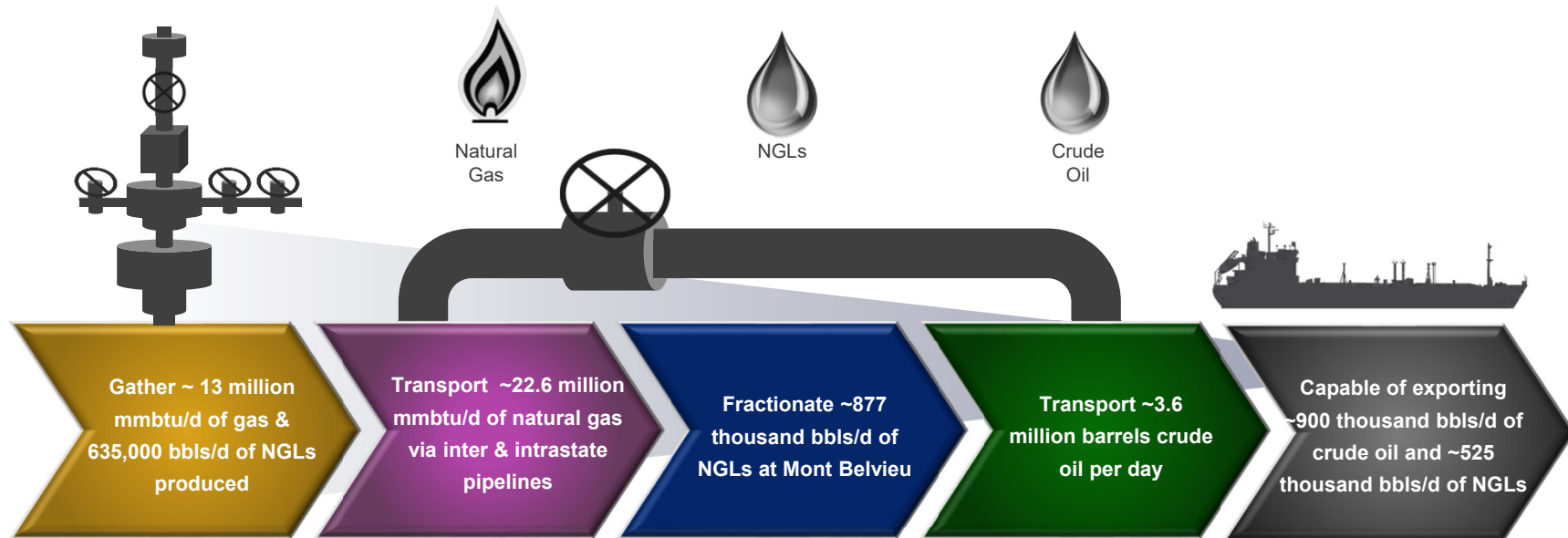


# ENERGY TRANSFER- A TRULY UNIQUE FRANCHISE





## FULLY INTEGRATED FRANCHISE FROM WELLHEAD TO WATER



**90,000+ miles**  
of gathering &  
transmission  
pipeline

**Assets in 38**  
states and all  
major producing  
basins

**Transport**  
**~25% of US**  
natural gas  
produced

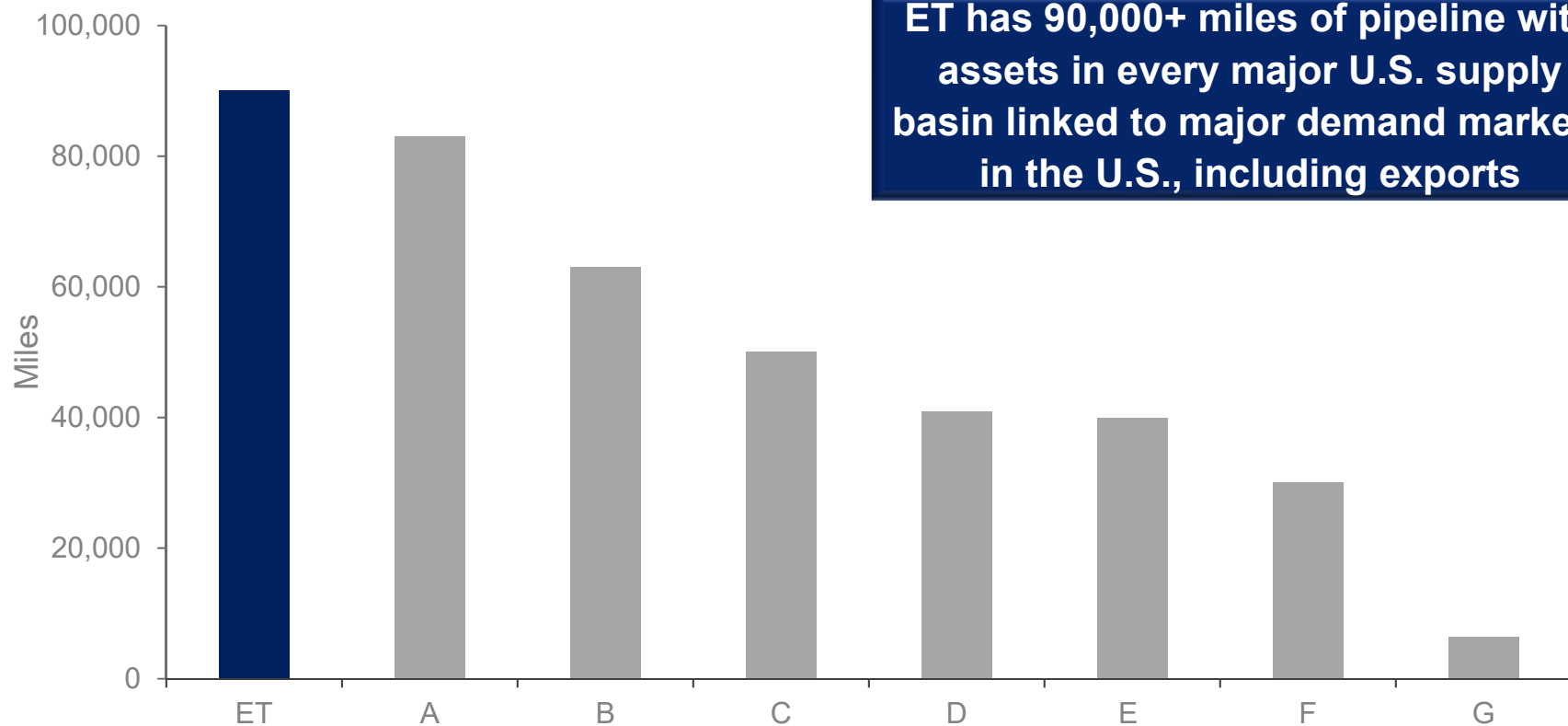
**Transport more**  
**than 25% of**  
US NGLs  
produced

**Transport more**  
**than 35% of**  
US crude oil  
produced



## SUPPORTED BY A LEADING PIPELINE FRANCHISE

### Miles of Pipeline



Peer Group: DCP, ENB (excluding ENB utilities and power pipe mileage), EPD, KMI, OKE, TCP, TRGP  
Source: Company websites/filings





## PATH TOWARD FREE CASH FLOW

### Business Diversity

- Diversified business model comprised of five core segments; no segment contributes more than 30 percent of adjusted EBITDA
- Unrivaled geographic diversity with assets in all major producing basins in the U.S.

### Strong Asset Base

- Continue to leverage expansive footprint to drive operational efficiencies and optimize assets
- Ongoing growth projects building near-and long-term value

### Capital Discipline

- Increased project return thresholds and high-graded investment opportunities
- Significant reduction in growth capital in 2021, growth capex forecast down 60% from FY 2020 forecast

### Balance Sheet

- Improved balance sheet enhances long-term value of partnership
- Focused on achieving leverage target of 4 to 4.5x and maintain a solid investment grade rating

### Inflection Point

- Taking significant steps toward creating more financial flexibility and a lower cost of capital
- Expect to be free cash flow positive in 2021 after growth capital and equity distributions



## RENEWABLE ENERGY INITIATIVE

Energy Transfer's 2019 Community Engagement Report is now available at [www.energytransfer.com](http://www.energytransfer.com)



### Renewable Energy Use

- Today, approximately 20% of the electrical energy ET purchases originates from a renewable energy source



### Landfill Power Generation

- ET's gas fired electric generating company uses renewable natural gas in Pennsylvania to generate electricity, helping to power Pennsylvania homes



### Duel Drive Compressors

- ET's Duel Drive compressors, which have a patented technology that allows for switching between electric motors and natural gas engines to drive compressors, offers the industry a more efficient compression system, helping to reduce greenhouse gas emissions



### Solar

- Entered into first-ever dedicated solar contract for which a 28 megawatt solar facility is currently under construction and will deliver clean power to Energy Transfer under a 15-year Power Purchase Agreement
- Operate approximately 18,000 solar panel-powered metering stations across the country



**WE**  **DO THE RIGHT THING**

*As the energy industry continues to evolve, and customer demand for these services increases, ET will look for additional ways to further integrate alternative energy sources into the business, when economically beneficial*

# CORPORATE RESPONSIBILITY ENVIRONMENTAL, SOCIAL & GOVERNANCE (ESG)



**DO THE  
RIGHT THING**

Energy Transfer is dedicated to responsibly  
and safely delivering America's energy

## Program Highlights

## Program Accomplishments

### Environmental, Health, and Safety

- Committed to pursuing a zero incident culture
- Overall year-to-year incident rate improvements
- Significant use of renewable energy in operations
- Comprehensive investigation and risk reduction for reported EHS incidents
- Compliance tracking and trending through a comprehensive Environmental Management System
- Methane reduction program
- Support pipeline safety and environmental research through membership in the Pipeline Research Council International (PRCI) and the Intelligent Pipeline Integrity Program (IPIPE)

- 2018 EHSQ Alliance Award for Environmental Stewardship for outstanding leadership in environmental management and performance
- Awarded the AGA Industry Leader Accident Prevention Award for 2018 in the Large Transmission Company category
- Achieved TRIR safety incidents and PHMSA incident rate better than industry benchmark
- 20% of electrical energy purchased by ET originates from renewable energy sources
- Ducks Unlimited partnership provided \$5 MM donation for wetlands restoration in Louisiana and Ohio
- Reduced emissions with ET patented Dual-drive compressors used in ozone non-attainment areas
- Landfill gas renewable electric power generation via Energy Transfer-owned PEI Power

### Social Responsibility

- \$39 MM donated to charitable organizations between 2017 and 2018
- 4,000+ volunteer hours by ET employees
- Comprehensive Stakeholder Engagement Program that promotes proactive outreach and respect for all people
- Committed to an inclusive and diverse workforce
- Adopted America's Natural Gas Transporters' Commitment to Landowners
- On-going emergency response and public awareness outreach programs

- 2019 Forbes America's Best Large Employers
- 70+ nonprofit organizations served in 2018 – local to our assets
- 2019 National Excellence in Construction® Eagle Award in the Mega Projects category
- Texas Gulf Coast Blood Center 2019 Corporation of the Year
- \$4.5 MM donated to MD Anderson for cancer research
- \$2.1 MM in grants to Philabundance, Delaware Valley's largest hunger relief organization
- \$1.2 MM in support provided to American Red Cross

### Corporate Governance

- EHS Compliance and ESG issues oversight by Independent BOD Audit Committee
- Compensation aligned with business strategies – performance based with retention focus
- Strong enforcement of integrity and compliance standards
- ET's EVP-Legal serves as Chief Compliance Officer
- Quarterly compliance certifications from senior management
- Alignment of management/unitholders

- 2018 Risk Clarity Compliance Survey
- Increased transparency with redesigned and updated website
- Mandatory inclusion and diversity leadership training
- Annual Senior Management compliance review
- Added resources to oversee and manage compliance
- CEO/Executive Team/Board of Directors own > 14% of units

2019 Annual Engagement Report available at [energytransfer.com](http://energytransfer.com)





## ACHIEVED RECORD NGL VOLUMES IN Q3'20

### NGL Transportation Volumes

1.5 MMbbls/d



**+10%**

from 3Q'19

### NGL Fractionation Volumes

877 Mbbls/d



**+23%**

from 3Q'19

### NGL Segment Adj. EBITDA

\$762MM



**+14%**

from 3Q'19

*Utilization on the Mariner East pipeline system and Texas NGL pipeline system remained strong*



## UPDATED 2020 ADJUSTED EBITDA OUTLOOK

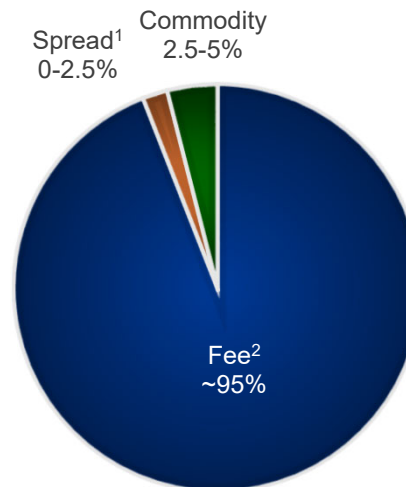
*Now expect to come in at upper end of guidance range*

**2020E Adjusted EBITDA ~\$10.2-\$10.5 billion**

### 2019 to 2020 Drivers

- + SEMG integration/synergies
- Legacy contracts/renewals
- Crude/gas spreads
- Economic slow down/volumes
- +Organic Projects
  - +Mariner East system
  - +Fractionation plants (VI, VII)
  - +PE4 Pipeline
  - +Lone Star Express Expansion
  - +Permian processing plants
  - +JC Nolan Diesel Pipeline
  - +Red Bluff Express Pipeline

### 2020E Adjusted EBITDA Breakout

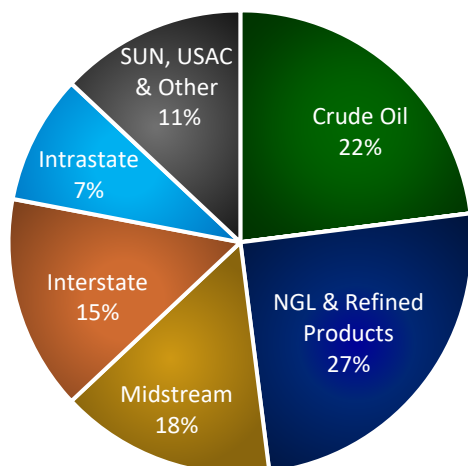


➤ Pricing and spread assumptions based on current futures markets

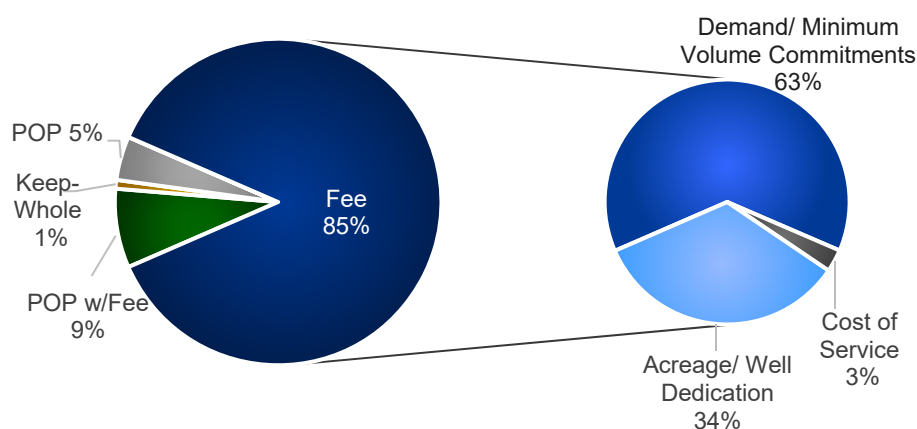
1. Spread margin is pipeline basis, cross commodity and time spreads  
2. Fee margins include transport and storage fees from affiliate customers at market rates

# EARNINGS SUPPORTED BY PREDOMINANTLY FEE-BASED CONTRACTS

Q3 2020 Adjusted EBITDA by Segment



2019 Midstream Segment Contract Mix By Volume



Segment	Contract Structure	Strength
Crude Oil	Fees from dedicated acreage, take-or-pay and throughput-based transportation, terminalling and storage	More than 9,500 miles connecting Permian, Bakken and Midcon Basins to U.S. markets, including Nederland terminal
NGL & Refined Products	Fees from plant dedications and take-or-pay transportation contracts, storage fees and fractionation fees, which are primarily frac-or-pay structures	~60 facilities connected to ET's NGL pipelines, and benefit from recent frac expansions at the Mont Belvieu complex
Interstate Transport & Storage	Fees based on reserved capacity, take-or-pay contracts	Connected to all major U.S. supply basins and demand markets, including exports
Midstream	Minimum volume commitment (MVC), acreage dedication, utilization-based fees and percent of proceeds (POP)	Significant acreage dedications, including assets in Permian, Eagle Ford, and Marcellus/Utica Basins
Intrastate Transport & Storage	Reservation charges and transport fees based on utilization	Largest intrastate pipeline system in the U.S. with interconnects to TX markets, as well as major consumption areas throughout the US



## DISCIPLINED INVESTMENTS WITH HIGHER RETURNS FOCUS

**2020E Growth Capital: ~\$3.3 billion**

*18% reduction from original estimate<sup>1</sup>*

% of 2020E<sup>2</sup>

### **NGL & Refined Products**

- Lone Star Express Expansion
- Mariner East system (ME2, ME2X)
- PA Access
- Nederland LPG facilities
- Fractionation plant VII (placed in service in February)
- Orbit Export facilities (Nederland and Mt. Belvieu)
- Multiple projects < \$50mm

70-75%

### **Midstream**

- Gathering and processing projects primarily in West Texas, the Northeast, and Eagle Ford (slowed pace of development in accordance with demand)

10-15%

### **Crude Oil**

- Bakken pipeline optimization
- Ted Collins Link
- Multiple projects < \$50mm

5-10%

**2021E Growth Capital: ~\$1.3 billion**

*28% reduction from original estimate<sup>1</sup>*

**2022E and 2023E Growth Capital: ~\$500-700 million per year**

**Expect to be free cash flow positive in 2021, after growth capital and equity distributions**

1. As provided in February 2020  
2. Intra/Interstate and other segments estimated at ~5%



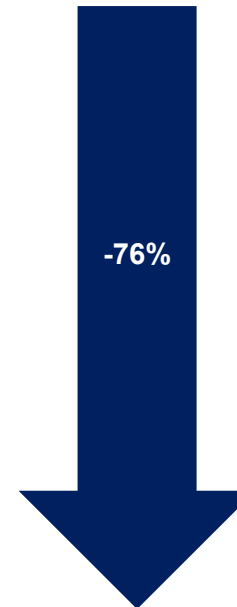
# INVESTMENT IN HIGH-QUALITY GROWTH PROJECTS

## Major growth projects added since 2017

2017	Bakken Pipeline System* Trans Pecos/Comanche Trail Pipeline* Permian Express 3* Panther Plant Arrowhead Plant
2018	Rover Pipeline* Frac V Rebel II Plant Arrowhead II Plant Mariner East 2
2019	Bayou Bridge Phase II* Permian Express 4* Frac VI Red Bluff Express Pipeline* JC Nolan Diesel Pipeline* Arrowhead III Plant Panther II Plant
2020	Frac VII Lone Star Express Expansion Orbit* <sup>1</sup> Mariner East 2X <sup>1</sup> PA Access <sup>1</sup> LPG Expansion <sup>1</sup>
2021	Mariner East 2 <sup>1</sup> Ted Collins Link <sup>1</sup> Cushing to Nederland <sup>1</sup> Bakken Optimization <sup>1*</sup>

## Organic Growth Capital<sup>2</sup>

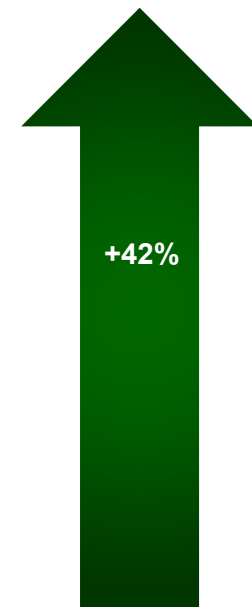
2017  
\$5.5B



2021E  
\$1.3B

## Adjusted EBITDA<sup>3</sup>

2020E  
\$10.2-10.5B



2017  
\$7.3B

\*Joint Ventures

<sup>1</sup>Currently under construction

<sup>2</sup>Includes ET's proportionate share of JV spend

<sup>3</sup>Adjusted EBITDA includes 100% of EBITDA related to non-wholly-owned subsidiaries





## SIGNIFICANT MANAGEMENT OWNERSHIP

In 2020, Energy Transfer insiders and independent board members have purchased  
~10.6 million units, totaling ~\$110 million

### 2020 Insider Purchases

CEO: ~7.9mm units; ~\$91mm

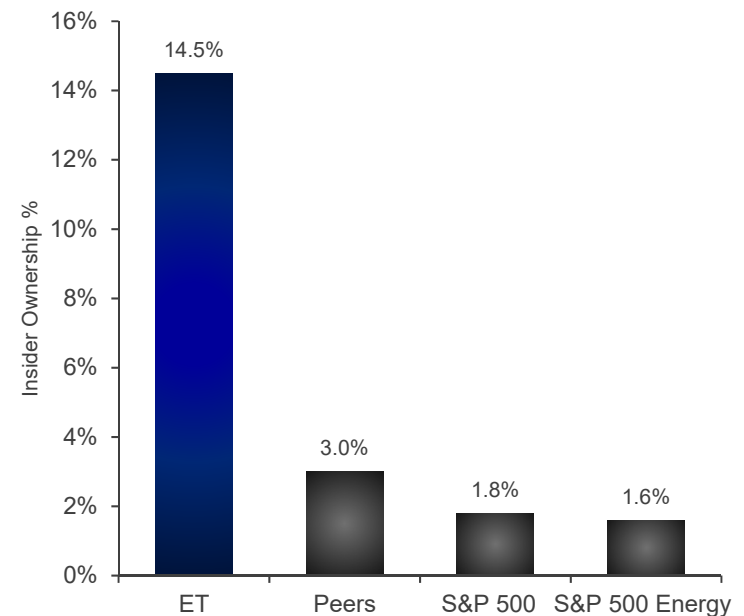
Board of Directors: ~2.5mm units; ~\$18mm

CFO: ~87k units; ~\$595k

COO: ~53k units; ~\$375k

CCO: ~24k units; ~\$194k

### Insider Ownership vs Peers



**Total ET insider ownership is ~14.4%**



## DELIVERING ON PROJECT BACKLOG

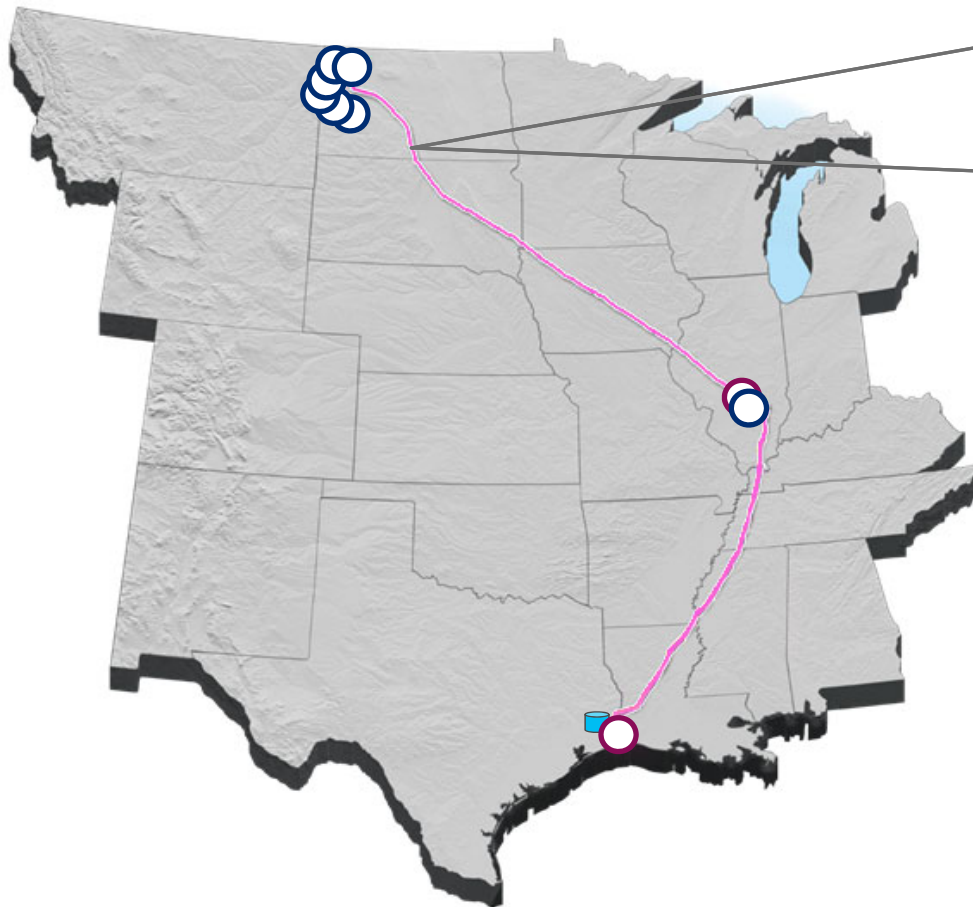
PROJECT	SCOPE	STATUS
<b>NGL &amp; Refined Products</b>		
Mont Belvieu's Frac VII	150 Mbpd fractionator at Mont Belvieu complex	Completed Q1 2020
Lone Star Express Expansion	24-inch, 352 mile expansion to LS Express Pipeline adding 400,000 bbls/d from Wink, TX to Fort Worth, TX	Completed Q3 2020
Mariner East 2	NGLs from Marcellus Shale to MHIC with 275Mbpd capacity upon full completion	In partial service Q4 2018/ Expected fully in service Q2 2021
Mariner East 2X	Increase NGL takeaway from the Marcellus to the East Coast w/ storage at Marcus Hook complex	Expected Q4 2020
J.C. Nolan Diesel Pipeline <sup>(1)</sup>	36,000 bbls/d diesel pipeline from Hebert, TX to newly-constructed terminal in Midland, TX	Completed Q3 2019
LPG Expansion	Expansion at Nederland to further integrate Mont Belvieu and Nederland assets and increase LPG export capabilities to ~500,000 bbls/d	Expected Q4 2020
Orbit Ethane Export Terminal <sup>(1)</sup>	800,000 bbl refrigerated ethane storage tank and 175,000 bbl/d ethane refrigeration facility and 20-inch ethane pipeline to connect Mont Belvieu to export terminal	Expected Q4 2020
PA Access Pipeline	Convert a portion of ME1 NGL pipeline to refined products service to provide ~20-25,000 bbls/d of refined products to PA and Northeast markets	Expected Q4 2020
<b>Midstream</b>		
Revolution	110 miles of gas gathering pipeline, cryogenic processing plant, NGL pipelines, and frac facility in PA	Plant complete; awaiting pipeline restart
Arrowhead III	200 MMcf/d cryogenic processing plant in Delaware Basin	Completed Q3 2019
Panther II	200 MMcf/d cryogenic processing plant in Midland Basin	Completed January 2020
<b>Crude Oil</b>		
Permian Express 4 <sup>(1)</sup>	Provides incremental Permian takeaway capacity, with total capacity of 120Mbpd	Completed October 2019
Ted Collins Link <sup>(2)</sup>	Up to 275 MBbls/d pipeline connecting Nederland Terminal to Houston Terminal	Expected Q4 2021
<b>Intrastate Transport &amp; Storage</b>		
Red Bluff Express Pipeline <sup>(1)</sup>	108-mile pipeline with capacity of at least 1.4 Bcf/d	Completed Q3 2019





1. Joint Venture

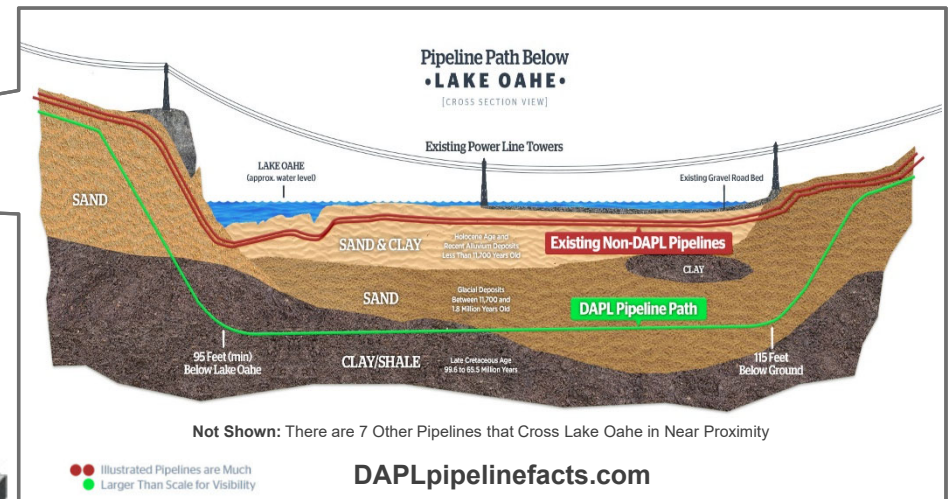
2. Transitioned Ted Collins Pipeline into the Ted Collins Link.



## CRUDE OIL SEGMENT – BAKKEN PIPELINE SYSTEM



-  Delivery Points
-  Origin Sites
-  Bakken Pipeline
-  Nederland Terminal



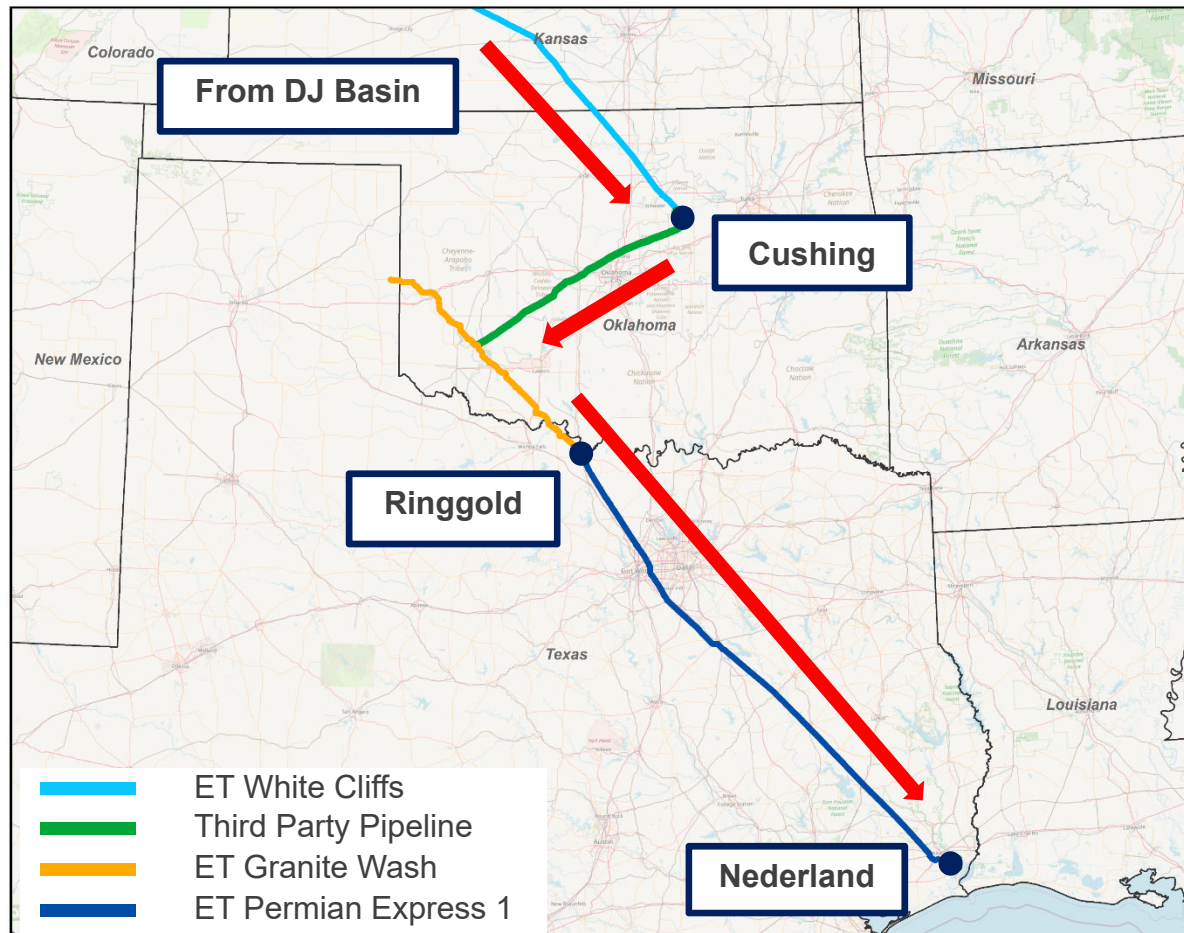
### Bakken Pipeline System<sup>1</sup>

- 1,915 mile system connecting Bakken production to ET's Nederland terminal on the Gulf Coast
- Delivering U.S. oil to support American commerce and independents
- Placed into service June, 2017
- Current system capacity is 570,000 barrels per day
- Expect additional capacity to service commitments received through open seasons to be in-service late in the third quarter of 2021

1. Ownership is ET: 36.37%, MarEn: 36.75%, PSXP: 25%, XOM: ~2%



## CRUDE OIL SEGMENT – CUSHING TO NEDERLAND



### Cushing to Nederland

- Provides the ability to move volumes from ET's White Cliffs Pipeline and Cushing Storage Assets through existing Permian Express 1 Pipeline System to Nederland Terminal
- Minimal new construction required due to utilizing existing Energy Transfer and third party assets
- Ability to transport between 65,000 bpd and 120,000 bpd depending on the ultimate configuration.
- Already included in growth capital forecast





# NGL & REFINED PRODUCTS SEGMENT – NORTHEAST NGL FRANCHISE

## Comprehensive Marcellus/Utica Shale solution reaching local, regional and international markets

### Mariner East Pipeline System

- Provides transportation, storage, and terminaling services from OH / Western PA to the Marcus Hook Terminal on the East Coast
- Products include ethane, propane, butane, C3+, and developing capabilities for natural gasoline and refined products
- Supported by long-term, fee-based contracts
- Diversified customer base includes producers, midstream providers and major integrated energy companies

#### Mariner East 1<sup>2</sup>

- 12-inch / 8-inch pipeline
- Capacity of ~70,000 bbls/d

#### Mariner East 2

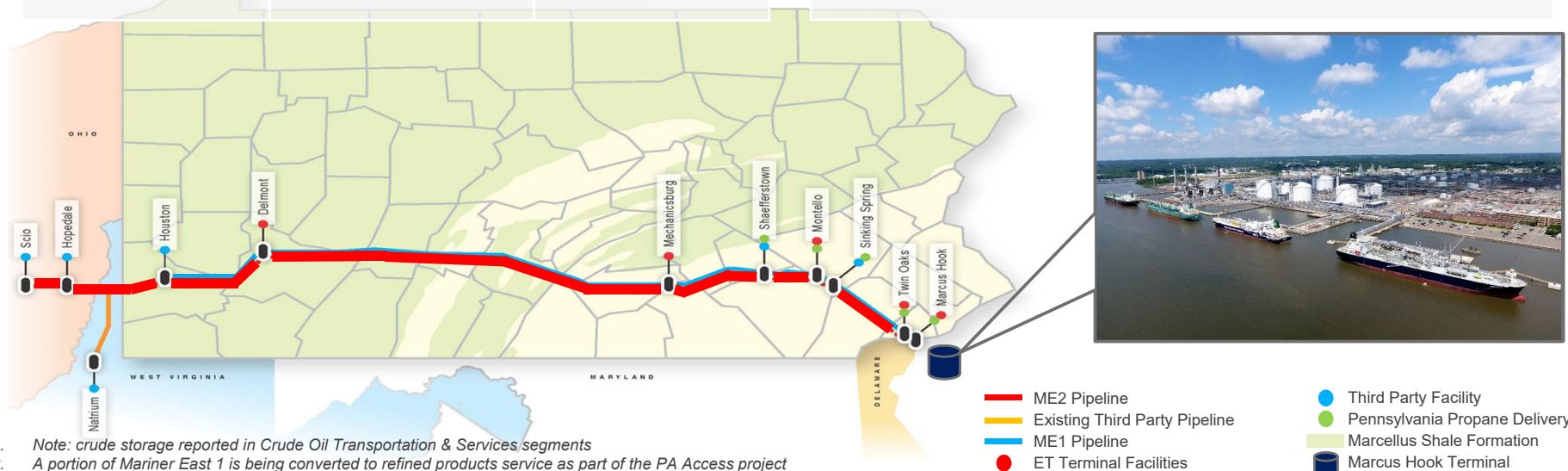
- 20-inch pipeline
- Placed into initial service Dec. 2018
- 275,000 bbls/d capacity upon full completion

#### Mariner East 2X

- 16-inch pipeline
- Expected to be in-service in Q4 2020

### Marcus Hook Terminal

- ~800 acre site: inbound and outbound pipeline, along with truck, rail and marine capabilities
- ~340,000 bbls/d of combined NGL and ethane export capacity, approaching 400,000 bbls/d upon completion of 50,000 bbls/d expansion at Marcus Hook Terminal by end of 2020
- ~2 million bbls underground NGL storage; ~3.2 million bbls refrigerated above-ground NGL storage; ~1 million bbls refined products storage capacity; ~1 million bbls crude storage capacity<sup>1</sup>
- 4 export docks accommodate VLGC & VLEC sized vessels
- Mariner system will have ability to bring natural gasoline to Marcus Hook Terminal for gasoline blending and local consumption by early Q2 2021
- Positioned for further expansion and development of exports, processing, storage and manufacturing

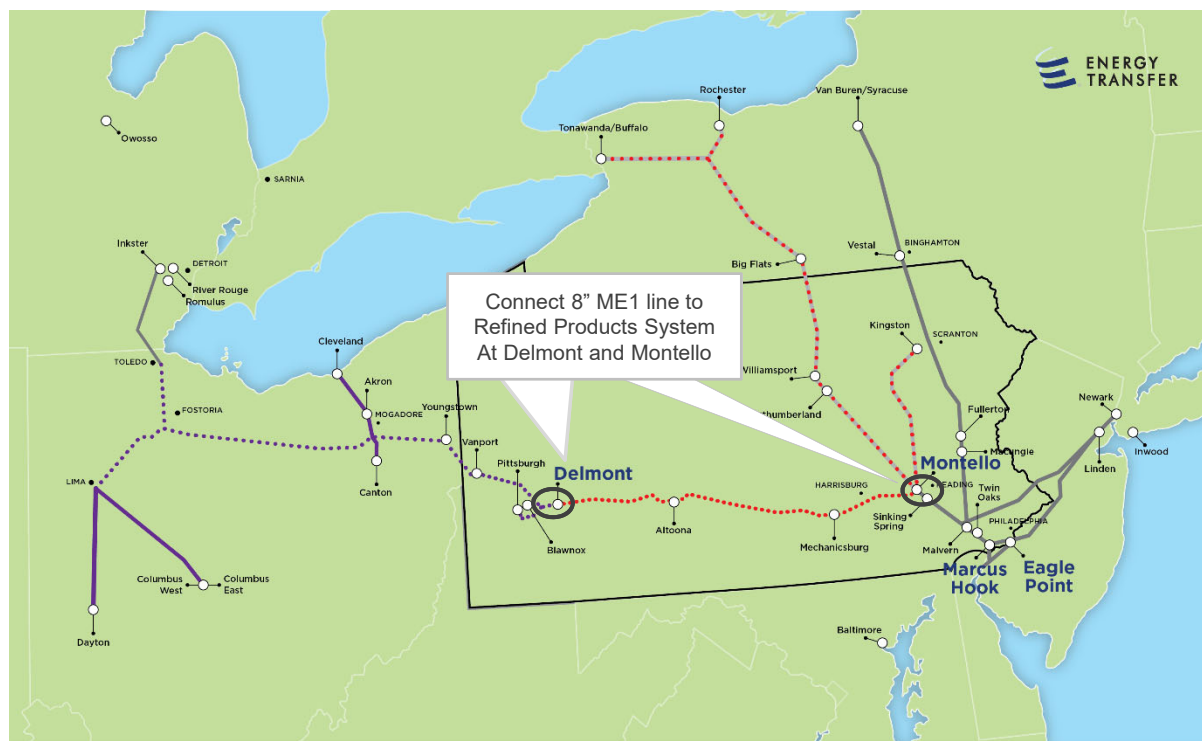




# NGL & REFINED PRODUCTS SEGMENT- PENNSYLVANIA ACCESS



As Mariner East adds refined products to its slate of liquids transportation services, tremendous synergies can be realized with ET's existing refined products pipelines and terminals



## Energy Transfer Northeast Assets Map

Refined Products

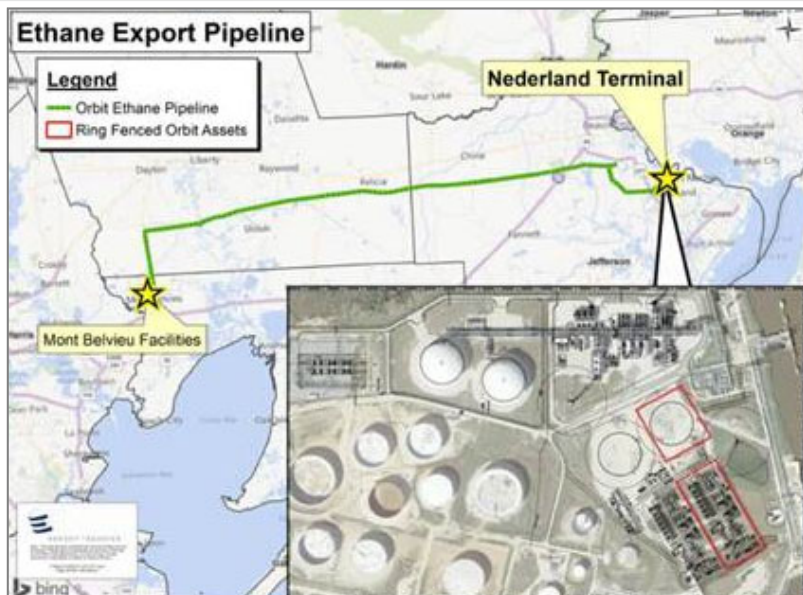


## PA Access Pipeline Overview

- Converting a portion of 8-inch ME1 NGL pipeline to refined products service
- Will facilitate refined products movements from Midwest supply regions through Allegheny Access Pipeline System into PA and markets in the Northeast
- Reconnecting and modifying existing assets; no new infrastructure is being constructed
- ~20-25,000 barrels per day of refined products capacity; easily expandable to ~50,000+ barrels per day
- Allows for efficient, inexpensive way to move refined products to meet demand
- Will add significant revenue and synergies with existing ET refined products pipelines and terminal assets
- Expect Q4 2020 startup for early volumes to flow from Ohio to Pennsylvania, and to upstate New York markets

# NGL & REFINED PRODUCTS SEGMENT – ORBIT ETHANE EXPORT PROJECT

## Orbit Export Pipeline and Facility



## Construction of Satellite's Ethane Receiving Terminal



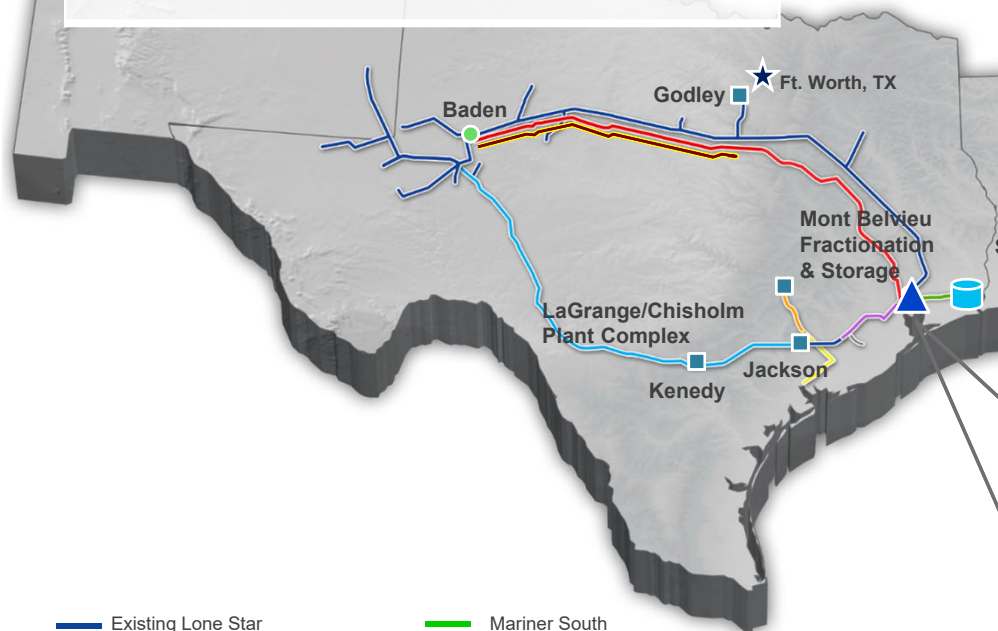
## Orbit Pipeline JV

- Orbit Joint Venture with Satellite Petrochemical USA Corp includes construction of a new ethane export terminal on the U.S. Gulf Coast to provide ethane to Satellite
- At the terminal, Orbit is constructing
  - 800,000 barrel refrigerated ethane storage tank
  - ~180,000 barrel per day ethane refrigeration facility
  - 20-inch ethane pipeline originating at our Mont Belvieu facilities that will make deliveries to the export terminal, as well as domestic markets in the region
- ET will be the operator of the Orbit assets, provide storage and marketing services for Satellite, and provide Satellite with approximately 150,000 barrels per day of ethane under a long-term, demand-based agreement
- In addition, ET is constructing and will wholly-own the infrastructure required to supply ethane to the pipeline and to load ethane onto carriers destined for Satellite's newly-constructed ethane crackers in China
- Expect to be ready for commercial service in the 4th quarter of 2020, with first ship arriving by end of 2020 for commissioning

# NGL & REFINED PRODUCTS SEGMENT – PIPELINE AND FRACTIONATION EXPANSION

## Lone Star Express Expansion

- 24-inch, 352-mile expansion
- Adds 400,000 bbls/d of NGL pipeline capacity from Lone Star's pipeline system near Wink, Texas to the Lone Star Express 30-inch pipeline south of Fort Worth, Texas



- |                              |  |
|------------------------------|--|
| Existing Lone Star           | Mariner South                          |
| ET Justice                   | ET Freedom                             |
| ET-Copano Liberty JV         | Mont Belvieu Fractionation and Storage |
| Lone Star Express            | Nederland Terminal                     |
| Lone Star Express Expansion  | Plant                                  |
| Lone Star West Texas Gateway | Fractionator                           |
| ET Spirit                    | Processing Plant                       |
|                              | Storage                                |

## Mont Belvieu Fractionation Expansions

- Total of 7 fractionators at Mont Belvieu
- 150,000 bbls/d Frac VI went into service in February 2019
- 150,000 bbls/d Frac VII went into service in Q1 2020



**Current frac capacity over 900,000 Mbpd**





## GROWING UNIQUE EXPORT CAPABILITIES



### Houston Terminal

- 330 acres on Houston Ship Channel
- 18.2 million barrels of storage
- 5 ship docks, 7 barge docks
- Connectivity to Gulf Coast refining complex
- Pipeline connectivity to all major basins
- Deepwater marine access
- Rail and truck loading and unloading



### Marcus Hook Terminal

- ~800 acre site: inbound and outbound pipeline along with truck, rail and marine capabilities
- ~340 thousand bbls/d of combined NGL and ethane export capacity, approaching 400 thousand bbls/d by end of 2020
- ~2 million bbls underground NGL storage; ~3.2 million bbls refrigerated above-ground NGL storage; ~1 million bbls crude storage capacity
- 4 export docks accommodate VLGC and VLEC sized vessels
- Positioned for further expansion and development of exports, processing, storage and manufacturing

### Nederland Terminal

- ~1,200 acre site on USGC
- ~29 million bbls crude storage capacity; 1.2 million bbls refrigerated propane/butane storage capacity
- 6 ship docks and 4 barge docks accommodate Suez Max sized ships
- Rail and truck unloading capabilities
- 800 thousand bbls refrigerated ethane storage under construction as part of Orbit export project
- Permian and Mont Belvieu expansions provide future growth opportunities
- Started loading first barge with natural gasoline in July 2019
- Moving forward with LPG expansions which will bring total export capacity to approximately 500,000 bbls/d
- Space available for further dock and tank expansion



The background image is a close-up of industrial machinery, featuring a circular pressure gauge with a white face and black markings. The gauge has a needle pointing to approximately 70 psi. The word 'psi' is printed at the bottom of the gauge face. The background is a deep blue with a large, white, curved graphic element that sweeps across the right side of the frame. The overall image has a professional, industrial feel.

# APPENDIX

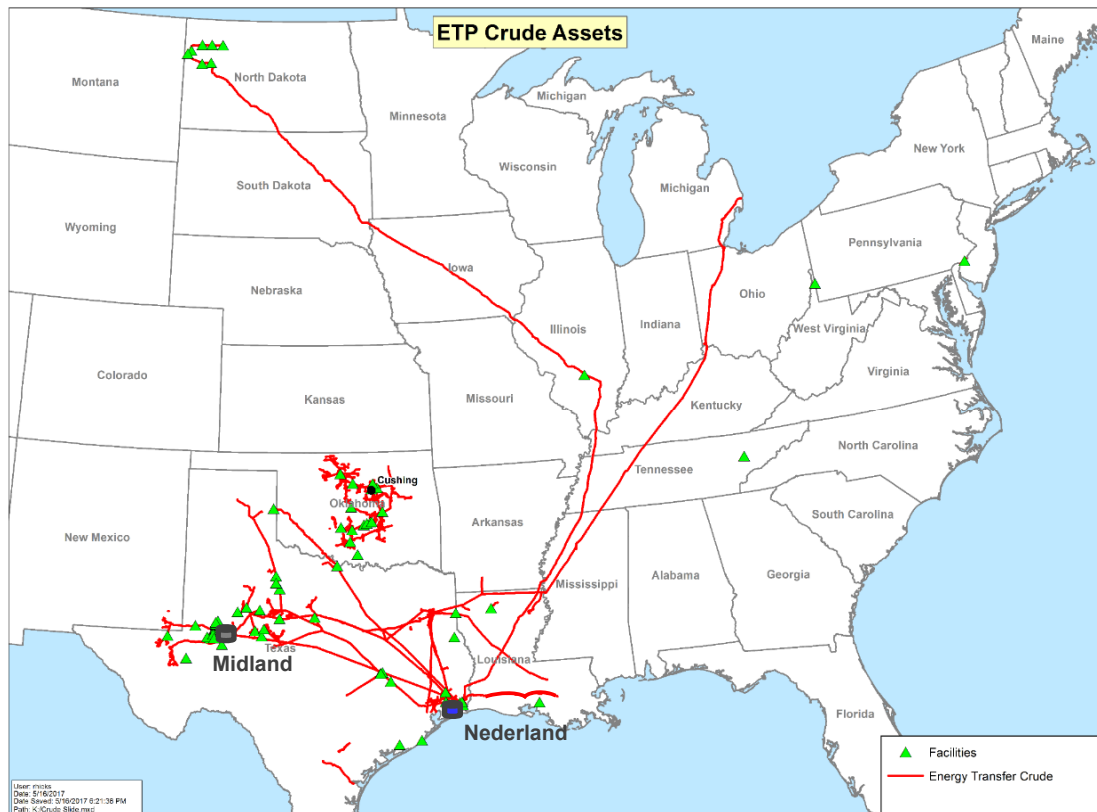




# CRUDE OIL SEGMENT

## Crude Oil Pipelines

- ~10,770 miles of crude oil trunk and gathering lines located in the Southwest and Midwest United States
- Interest in 5 crude oil pipeline systems
  - Bakken Pipeline (36.4%)
  - Bayou Bridge Pipeline (60%)
  - Permian Express Partners (87.7%)
  - White Cliffs (51%)
  - Maurepas (51%)



## Crude Oil Acquisition & Marketing

- Crude truck fleet of approximately 575 trucks, 360 trailers, and 150 crude oil truck unloading facilities
- Purchase crude at the wellhead from ~3,000 producers in bulk from aggregators at major pipeline interconnections and trading locations
- Marketing crude oil to major pipeline interconnections and trading locations
- Marketing crude oil to major, integrated oil companies, independent refiners and resellers through various types of sale and exchange transactions
- Storing inventory during contango market conditions

## Crude Oil Terminals

- Nederland, TX Terminal - ~29 million barrel capacity
- Houston, TX Terminal - ~18 million barrel capacity
- Northeast Terminals - ~3 million barrel capacity
- Midland, TX Terminal - ~2 million barrel capacity
- Cushing, OK - ~7.6 million barrel capacity

1. Map excludes assets acquired via SemGroup merger that was completed in Dec. 2019



## NGL & REFINED PRODUCTS SEGMENT

### NGL Storage

- Total NGL storage ~63 million barrels
- TET Mont Belvieu Storage Hub ~50 million barrels NGL storage
- ~7.2 million barrels of NGL storage at Marcus Hook and Nederland
- Hattiesburg Butane Storage ~3 million barrels

### NGL Pipeline Transportation

- ~4,515 miles of NGL Pipelines throughout Texas, Midwest, and Northeast
- Conversion of White Cliffs NGL Pipeline, completed December 2019
- Lone Star Express Expansion
  - ~352 mile, 24-inch NGL pipeline

### Fractionation

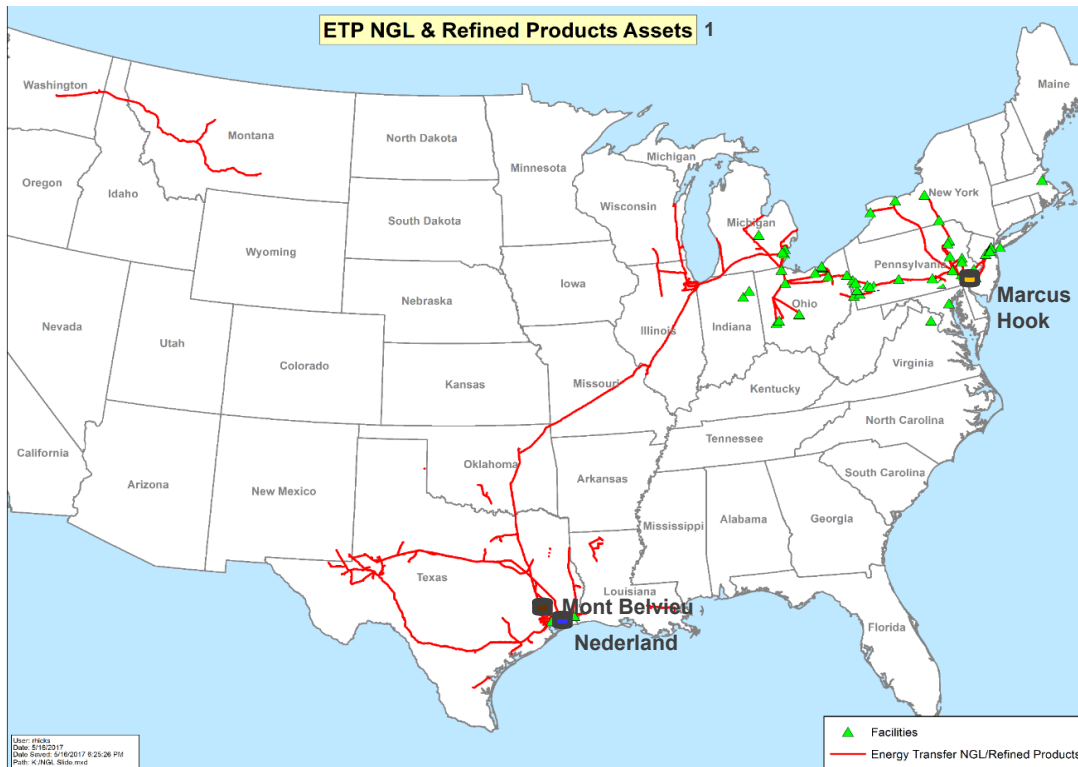
- 7 Mont Belvieu fractionators (over 900 Mbpd)
- 40 Mbpd King Ranch, 25 Mbpd Geismar
- 50 Mbpd Houston DeEthanizer and 30 to 50 Mbpd Marcus Hook C3+ Frac in service Q4 2017
- 150 Mbpd Frac VI placed in-service Q1 2019
- 150 Mbpd Frac VII placed in-service Q1 2020

### Mariner Franchise

- ~200 Mbpd Mariner South LPG from Mont Belvieu to Nederland
- 50 Mbpd Mariner West ethane to Canada
- 70 Mbpd ethane capacity to Marcus Hook<sup>2</sup>
- 275 Mbpd NGLs to Marcus Hook, expandable (Placed into initial service Q4 2018)
- Next phase of Mariner East project expected in-service in Q4 2020; final phase expected in service Q2 2021
- Upon start up, PA Access project will provide ~20-25 Mbpd refined products capacity to PA and NE markets; easily expandable to ~50+ Mbpd

### Refined Products

- ~3,265 miles of refined products pipelines in the northeast, Midwest and southwest US markets
- ~35 refined products marketing terminals with ~8 million barrels storage capacity

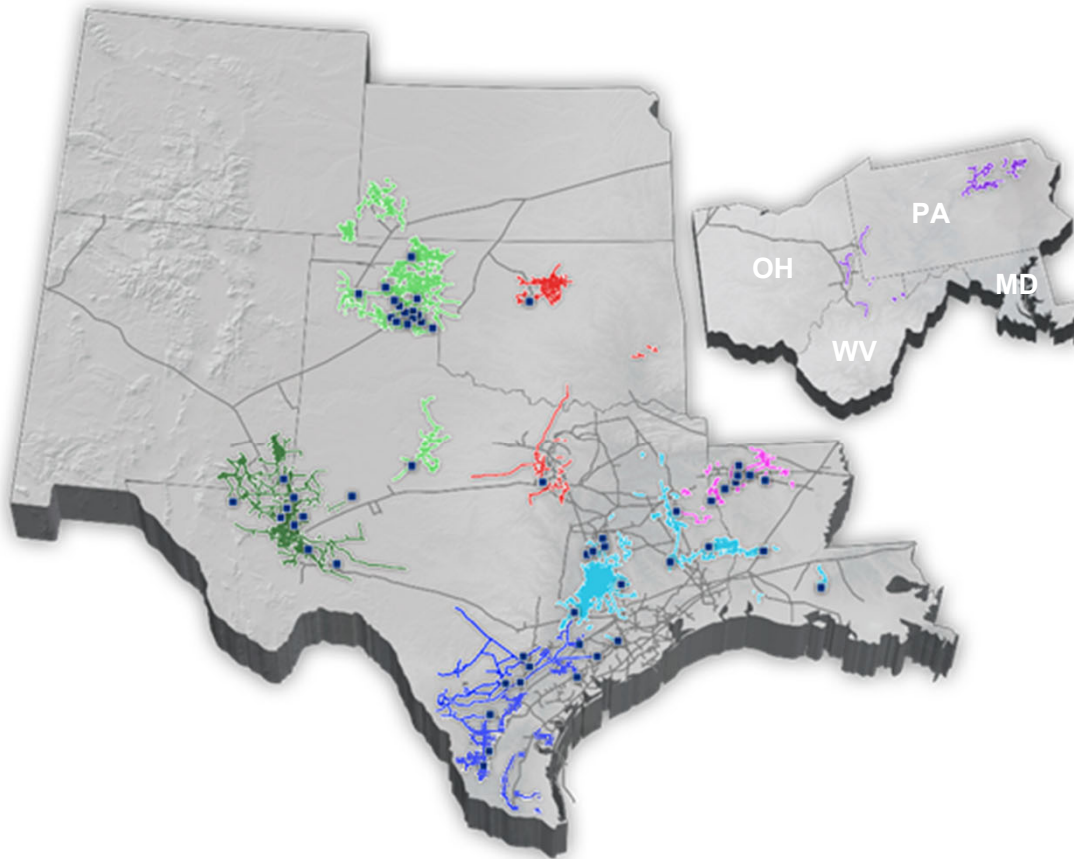


1. Map excludes assets acquired via SemGroup merger that was completed in Dec. 2019
2. A portion of Mariner East 1 is being converted to refined products service as part of the PA Access project



# MIDSTREAM SEGMENT

## Midstream Asset Map



## Midstream Highlights

- Volume growth in key regions:
  - Q3 2020 gathered volumes were ~12.9 million mmbtu/d, and NGLs produced were ~635,000 bbls/d
- Permian Capacity Additions:
  - 400 MMcf/d of processing capacity came online in 2018 (Rebel II and Arrowhead II)
  - 200 MMcf/d Arrowhead III processing plant came online in July 2019
  - 200 MMcf/d Panther II processing plant in the Midland Basin was placed into full service January 2020
  - With completion of Panther II processing plant, have more than 2.7 Bcf/d of processing capacity in the Permian Basin
  - Have nearly 3.7 million acres dedicated to ET processing plants in the Permian Basin with an average of 7+ years remaining on contracts

Current Processing Capacity		
	Bcf/d	Basins Served
Permian	2.7	Permian, Midland, Delaware
Midcontinent/Panhandle	1.4	Granite Wash, Cleveland, DJ, STACK
North Texas	0.7	Barnett, Woodford
South Texas	1.9	Eagle Ford
North Louisiana	1.4	Haynesville, Cotton Valley
Southeast Texas	0.4	Eagle Ford, Eagle Bine
Eastern	0.2	Marcellus Utica

**More than 41,000 miles of gathering pipelines with ~8.8 Bcf/d of processing capacity**



# INTERSTATE PIPELINE SEGMENT

## Interstate Asset Map



## Interstate Highlights

Our interstate pipelines provide:

- Stability
  - Approximately 95% of revenue is derived from fixed reservation fees
- Diversity
  - Access to multiple shale plays, storage facilities and markets
- Growth Opportunities
  - Well-positioned to capitalize on changing supply and demand dynamics
  - In addition, expect to receive significant revenues from backhaul capabilities on Panhandle and Trunkline

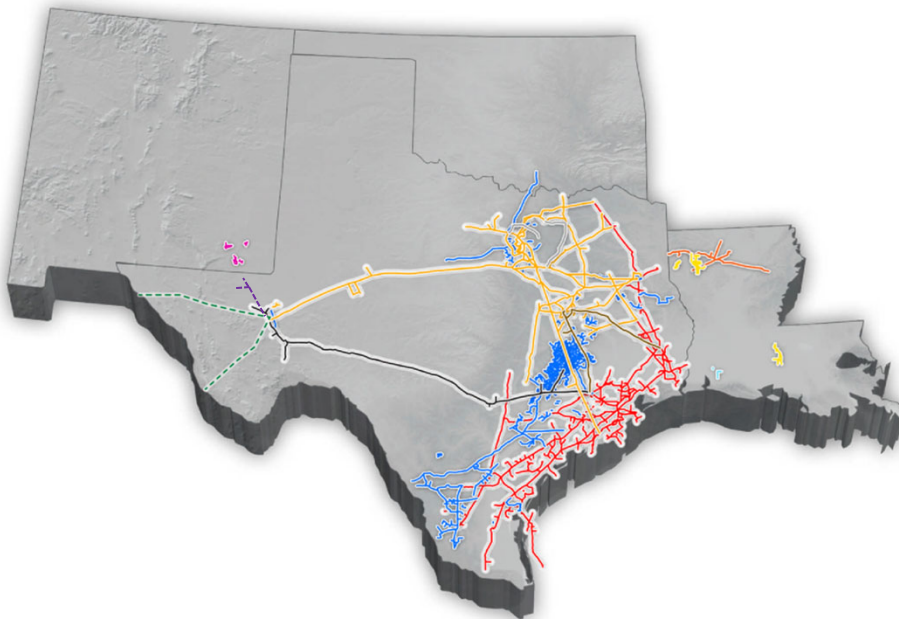
	PEPL	TGC	TW	FGT	SR	FEP	Tiger	MEP	Gulf States	Rover	Total
Miles of Pipeline	6,402	2,231	2,614	5,362	785	185	197	512	10	713	19,270
Capacity (Bcf/d)	2.8	0.9	2.1	3.5	2.0	2.0	2.4	1.8	0.1	3.25	20.85
Owned Storage (Bcf)	73.4	13	--	--	--	--	--	--	--	--	86.4
Ownership	100%	100%	100%	50%	100%	50%	100%	50%	100%	32.6%	

***~19,270 miles of interstate pipelines with ~21Bcf/d of throughput capacity***



# INTRASTATE PIPELINE SEGMENT

## Intrastate Asset Map



- **~ 9,400 miles of intrastate pipelines**
- **~22 Bcf/d of throughput capacity**

## Intrastate Highlights

- Well-positioned to capture additional revenues from anticipated changes in natural gas supply and demand in the next five years
- Red Bluff Express Pipeline connects the Orla Plant, as well as 3<sup>rd</sup> party plants, to the Waha Oasis Header
  - Phase I went into service in Q2 2018 and Phase II went into service in August 2019
- Beginning in 2021, have locked in additional volumes under long-term contracts with third parties

In Service					
	Capacity (Bcf/d)	Pipeline (Miles)	Storage Capacity (Bcf)	Bi-Directional Capabilities	Major Connect Hubs
Trans Pecos & Comanche Trail Pipelines	2.5	338	NA	No	Waha Header, Mexico Border
ET Fuel Pipeline	5.2	3,150	11.2	Yes	Waha, Katy, Carthage
Oasis Pipeline	2	750	NA	Yes	Waha, Katy
Houston Pipeline System	5.3	3,920	52.5	No	HSC, Katy, Aqua Dulce
ETC Katy Pipeline	2.9	460	NA	No	Katy
RIGS	2.1	450	NA	No	Union Power, LA Tech
Red Bluff Express	1.4	108	NA	No	Waha





# NON-GAAP RECONCILIATION

Energy Transfer LP  
Reconciliation of Non-GAAP Measures

	Full Year 2017 <sup>(b)</sup>	Full Year 2018 <sup>(b)</sup>	2019					2020			
			Q1	Q2	Q3	Q4	YTD	Q1	Q2	Q3	YTD
Net income <sup>(a)</sup>	\$ 2,315	\$ 3,420	\$ 1,118	\$ 1,209	\$ 1,187	\$ 1,311	\$ 4,825	\$ (964)	\$ 672	\$ (401)	\$ (693)
(Income) loss from discontinued operations	177	265	-	-	-	-	-	-	-	-	-
Interest expense, net	1,922	2,055	590	578	579	584	2,331	602	579	569	1,750
Impairment losses	1,039	431	50	-	12	12	74	1,325	4	1,474	2,803
Income tax expense (benefit) from continuing operations	(1,833)	4	126	34	54	(19)	195	28	99	41	168
Depreciation, depletion and amortization	2,554	2,859	774	785	784	804	3,147	867	936	912	2,715
Non-cash compensation expense	99	105	29	29	27	28	113	22	41	30	93
(Gains) losses on interest rate derivatives	37	(47)	74	122	175	(130)	241	329	3	(55)	277
Unrealized (gains) losses on commodity risk management activities	(59)	11	(49)	23	(64)	95	5	(51)	48	30	27
Losses on extinguishments of debt	89	112	18	-	-	-	18	62	-	-	62
Inventory valuation adjustments	(24)	85	(93)	(4)	26	(8)	(79)	227	(90)	(11)	126
Impairment of investment in unconsolidated affiliates	313	-	-	-	-	-	-	-	-	129	129
Equity in (earnings) losses of unconsolidated affiliates	(144)	(344)	(65)	(77)	(82)	(78)	(302)	-	7	(85)	32
Adjusted EBITDA related to unconsolidated affiliates	716	655	146	163	161	156	626	154	157	169	480
Adjusted EBITDA from discontinued operations	223	(25)	-	-	-	-	-	-	-	-	-
Other, net	(155)	(21)	17	(37)	(47)	13	(54)	27	74	(53)	48
Adjusted EBITDA (consolidated)	7,269	9,565	2,735	2,825	2,812	2,768	11,140	2,635	2,438	2,866	7,939
Adjusted EBITDA related to unconsolidated affiliates	(716)	(655)	(146)	(163)	(161)	(156)	(626)	(154)	(167)	(169)	(480)
Distributable Cash Flow from unconsolidated affiliates	431	407	93	107	107	108	415	113	112	128	353
Interest expense, net	(1,958)	(2,057)	(590)	(578)	(579)	(584)	(2,331)	(602)	(579)	(569)	(1,750)
Preferred unitholders' distributions	(12)	(170)	(53)	(64)	(68)	(68)	(253)	(89)	(96)	(97)	(282)
Current income tax (expense) benefit	(39)	(472)	(28)	7	(2)	45	22	14	(15)	(7)	(8)
Transaction-related income taxes	-	470	-	-	-	(31)	(31)	-	-	-	-
Maintenance capital expenditures	(479)	(510)	(92)	(170)	(178)	(215)	(655)	(103)	(136)	(129)	(368)
Other, net	67	49	18	19	18	30	85	22	18	17	57
Distributable Cash Flow (consolidated)	4,563	6,627	1,937	1,983	1,949	1,897	7,766	1,836	1,585	2,040	5,461
Distributable Cash Flow attributable to Sunoco LP (100%)	(449)	(445)	(97)	(101)	(133)	(120)	(451)	(159)	(121)	(139)	(419)
Distributions from Sunoco LP	259	166	41	41	41	42	165	41	41	41	123
Distributable Cash Flow attributable to USAC (100%)	-	(148)	(55)	(54)	(55)	(58)	(222)	(55)	(58)	(57)	(170)
Distributions from USAC	-	73	21	21	24	24	90	24	24	24	72
Distributable Cash Flow attributable to PennTex Midstream Partners, LP (100%)	(19)	-	-	-	-	-	-	-	-	-	-
Distributions from PennTex Midstream Partners, LP	8	-	-	-	-	-	-	-	-	-	-
Distributable Cash Flow attributable to noncontrolling interests in other non-wholly-owned subsidiaries	(350)	(875)	(251)	(293)	(283)	(286)	(1,113)	(290)	(209)	(234)	(733)
Distributable Cash Flow attributable to the partners of ET - pro forma for ETO merger	4,012	5,398	1,596	1,597	1,543	1,499	6,235	1,397	1,262	1,675	4,334
Transaction-related adjustments	57	52	(2)	5	3	8	14	20	10	16	46
Distributable Cash Flow attributable to the partners of ET, as adjusted - pro forma for ETO merger	\$ 4,069	\$ 5,450	\$ 1,594	\$ 1,602	\$ 1,546	\$ 1,507	\$ 6,249	\$ 1,417	\$ 1,272	\$ 1,691	\$ 4,380

## Notes

(a) Effective January 1, 2020, the Partnership elected to change its accounting policy related to certain barrels of crude oil that were previously accounted for as inventory. Under the revised accounting policy, certain amounts of crude oil that are not available for sale have been reclassified from inventory to non-current assets. The results for prior periods have been adjusted to reflect this change in accounting policy.

(b) The closing of the ETO Merger impacted the Partnership's calculation of Distributable Cash Flow attributable to partners, as well as the number of ET Common Units outstanding and the amount of distributions to be paid to partners. In order to provide information on a comparable basis for pre-ETO Merger and post-ETO Merger periods, the Partnership has included certain pro forma information. Pro forma Distributable Cash Flow attributable to partners reflects the following ETO Merger related impacts:

- ETO is reflected as a wholly-owned subsidiary and pro forma Distributable Cash Flow attributable to partners reflects ETO's consolidated Distributable Cash Flow (less certain other adjustments, as follows):
  - Distributions from Sunoco LP and USAC include distributions to both ET and ETO.
  - Distributions from PennTex are separately included in Distributable Cash Flow attributable to partners.
  - Distributable Cash Flow attributable to noncontrolling interest in our other non-wholly-owned subsidiaries is subtracted from consolidated Distributable Cash Flow to calculate Distributable Cash Flow attributable to partners.
- Pro forma distributions to partners include actual distributions to legacy ET partners, as well as pro forma distributions to legacy ETO partners. Pro forma distributions to ETO partners are calculated assuming (i) historical ETO common units converted under the terms of the ETO Merger and (ii) distributions on such converted common units were paid at the historical rate paid on ET Common Units. Pro forma Common Units outstanding include actual Common Units outstanding, in addition to Common Units assumed to be issued in the ETO Merger, which are based on historical ETO common units converted under the terms of the ETO Merger.

## Definitions

Adjusted EBITDA, Distributable Cash Flow and distribution coverage ratio are non-GAAP financial measures used by industry analysts, investors, lenders and rating agencies to assess the financial performance and the operating results of ET's fundamental business activities and should not be considered in isolation or as a substitute for net income, income from operations, cash flows from operating activities, or other GAAP measures. There are material limitations to using measures such as Adjusted EBITDA, Distributable Cash Flow and distribution coverage ratio, including the difficulty associated with using either as the sole measure to compare the results of one company to another, and the inability to analyze certain significant items that directly affect a company's net income or loss or cash flows. In addition, our calculations of Adjusted EBITDA, Distributable Cash Flow and distribution coverage ratio may not be consistent with similarly titled measures of other companies and should be viewed in conjunction with measurements that are computed in accordance with GAAP, such as segment margin, operating income, net income and cash flow from operating activities.

We define Adjusted EBITDA as total partnership earnings before interest, taxes, depreciation, depletion, amortization and other non-cash items, such as non-cash compensation expense, gains and losses on disposals of assets, the allowance for equity funds used during construction, unrealized gains and losses on commodity risk management activities, inventory valuation adjustments, non-cash impairment charges, losses on extinguishments of debt and other non-operating income or expense items. Adjusted EBITDA reflects amounts for less than wholly-owned subsidiaries based on 100% of the subsidiaries' results of operations. Adjusted EBITDA reflects amounts for unconsolidated affiliates based on the same recognition and measurement methods used to record equity in earnings of unconsolidated affiliates. Adjusted EBITDA related to unconsolidated affiliates excludes the same items with respect to the unconsolidated affiliate as those excluded from the calculation of Adjusted EBITDA, such as interest, taxes, depreciation, depletion, amortization and other non-cash items. Although these amounts are excluded from Adjusted EBITDA related to unconsolidated affiliates, such exclusion should not be understood to imply that we have control over the operations and resulting revenues and expenses of such affiliates. We do not control our unconsolidated affiliates; therefore, we do not control the earnings or cash flows of such affiliates.

Distributable Cash Flow is used by management to evaluate our overall performance. Our partnership agreement requires us to distribute all available cash, and Distributable Cash Flow is calculated to evaluate our ability to fund distributions through cash generated by our operations. We define Distributable Cash Flow as net income, adjusted for certain non-cash items, less distributions to preferred unitholders and maintenance capital expenditures. Non-cash items include depreciation, depletion and amortization, non-cash compensation expense, amortization included in interest expense, gains and losses on disposals of assets, the allowance for equity funds used during construction, unrealized gains and losses on commodity risk management activities, inventory valuation adjustments, non-cash impairment charges, losses on extinguishments of debt and deferred income taxes. For unconsolidated affiliates, Distributable Cash Flow reflects the Partnership's proportionate share of the investee's distributable cash flow.

On a consolidated basis, Distributable Cash Flow includes 100% of the Distributable Cash Flow of ET's consolidated subsidiaries. However, to the extent that noncontrolling interests exist among the Partnership's subsidiaries, the Distributable Cash Flow generated by our subsidiaries may not be available to be distributed to our partners. In order to reflect the cash flows available for distributions to the partners of ET, the Partnership has reported Distributable Cash Flow attributable to the partners of ET, which is calculated by adjusting Distributable Cash Flow (consolidated), as follows:

- For subsidiaries with publicly traded equity interests, other than ETO, Distributable Cash Flow (consolidated) includes 100% of Distributable Cash Flow attributable to such subsidiary, and Distributable Cash Flow attributable to the partners includes distributions to be received by the parent company with respect to the periods presented.
- For consolidated joint ventures or similar entities, where the noncontrolling interest is not publicly traded, Distributable Cash Flow (consolidated) includes 100% of Distributable Cash Flow attributable to such subsidiaries, but Distributable Cash Flow attributable to the partners reflects only the amount of Distributable Cash Flow of such subsidiaries that is attributable to our ownership interest.
- For Distributable Cash Flow attributable to partners, as adjusted, certain transaction-related and non-recurring expenses that are included in net income are excluded.

Distribution coverage ratio for the three months ended September 30, 2020 is calculated as Distributable Cash Flow attributable to partners, as adjusted, divided by distributions expected to be paid to the partners of ET in respect of the third quarter of 2020, which expected distributions total \$412 million.