ENERGY TRANSFER LP

2018 RBC Capital Markets Midstream Conference November 13, 2018

ENERGY TRANSFE

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FORWARD-LOOKING STATEMENTS / LEGAL DISCLAIMER

Management of Energy Transfer LP (ET) will provide this presentation to analysts at meetings to be held on November 13th, 2018. 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) 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 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 with the Securities and Exchange Commission, copies of which are available to the public. 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.

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.

ET HIGHLIGHTS



ET KEY INVESTMENT HIGHLIGHTS

Well Positioned Assets

- Fully integrated platform spanning entire midstream value chain
- Assets well positioned in most active basins
- Integrated assets allow solid commercial synergies including gas, crude and NGLs

Growth From Organic Investments

- Completing multi-year capex program
- Beginning to see strong EBITDA growth from recently completed major growth projects
- Expect additional EBITDA growth from remainder of projects coming online through 2020

Solid Financials

- Stable cash flow profile with minimal contract rolloffs
- Healthy and improving balance sheet
- Strong funding activity in 2017 and YTD 2018 resulting in majority of 2018 pre-funded

Company well positioned for sustainable growth

WHAT'S NEW

Simplified Organizational Structure

- Energy Transfer Equity acquired Energy Transfer Partners on 10/19/18
- Now trade as Energy Transfer (NYSE: ET)
- Improved cost of capital
- Aligning incentives with common unitholders
- Enhanced financial flexibility

Growth Project Announcements

- Lone Star fractionator VII at Mont Belvieu
 - > 150,000 Bbls/d capacity
 - Fully subscribed, LT demand based
- Lone Star Express Pipeline Expansion
 - 24-inch, 352-mile pipeline expansion
 - Adds ~400K Bbls/s of NGL capacity from Lone Star system Wink, TX area to the Lone Star Express 30-inch pipeline south of Fort Worth, TX

Record Financial and Operational Performance

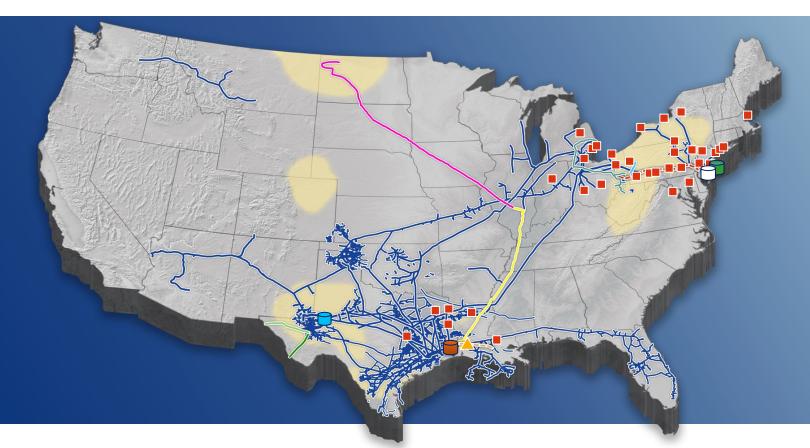
- ET 3Q'18 Adjusted EBITDA ~\$2.6B¹
- NGL transport volumes 1,086 MBbls/d
- NGL frac volumes 567 MBbls/d
- Crude transport volumes 4,276 MBbls/d
- Midstream volumes 12,774 Bbtu/d
- Interstate volumes 10,155 Bbtu/d

Improved Financial Position

- Transforming key financial metrics
- Moody's revised ETO credit rating to stable
 - Baa3 (investment grade)
- Internally generating significant equity capital

2019 Guidance Capital expenditures: \$5B Adj. EBITDA: \$10.6B to \$10.8B

SIGNIFICANT GEOGRAPHIC FOOTPRINT ACROSS THE FAMILY



Asset Overview



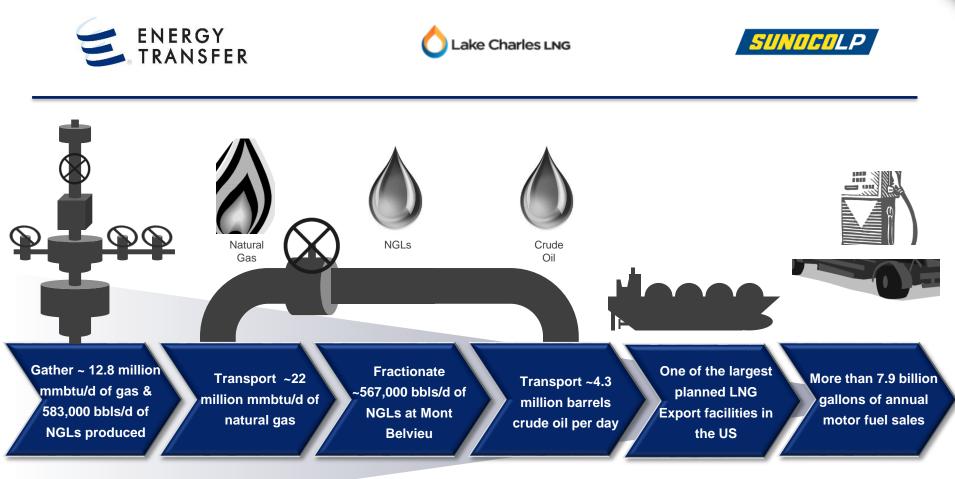
Energy Transfer Assets Terminals



Recently In-service & Announced Growth Projects



A TRULY UNIQUE FRANCHISE



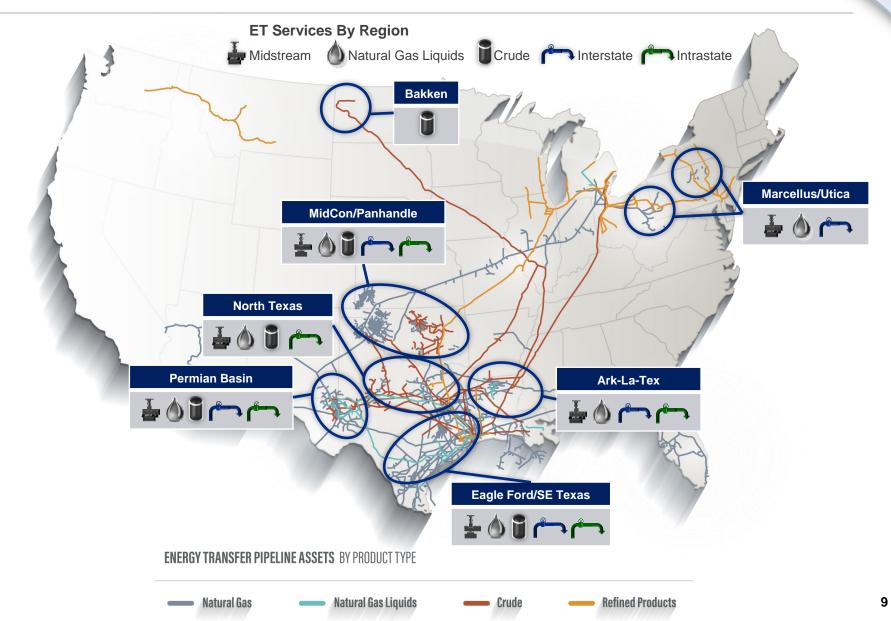
FULLY INTEGRATED PLATFORM SPANNING THE ENTIRE MIDSTREAM VALUE CHAIN

> Involvement in Major Midstream Themes Across the Best Basins and Logistics Hubs

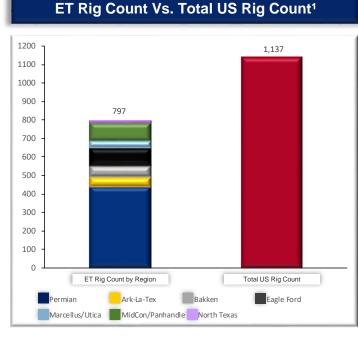
	Franchise Strengths	Opportunities
Interstate Natural Gas T&S	 Access to multiple shale plays, storage facilities and markets Approximately 95% of revenue from reservation fee contracts Well positioned to capitalize on changing market dynamics Key assets: Rover, PEPL, FGT, Transwestern, Trunkline, Tiger 	 Marcellus natural gas takeaway to the Midwest, Gulf Coast, and Canada Backhaul to LNG exports and new petrochemical demand on Gulf Coast
Intrastate Natural Gas T&S	 Well positioned to capture additional revenues from anticipated changes in natural gas supply and demand Largest intrastate natural gas pipeline and storage system on the Gulf Coast Key assets: ET Fuel Pipeline, Oasis Pipeline, Houston Pipeline System, ETC Katy Pipeline 	 Natural gas exports to Mexico Additional demand from LNG and petrochemical development on Gulf Coast
Midstream	 ~40,000 miles of gathering pipelines with ~7.3 Bcf/d of processing capacity Projects placed in-service underpinned by long-term, fee-based contracts 	 Gathering and processing build out in Texas and Marcellus/Utica Synergies with ET downstream assets Significant growth projects ramping up to full capacity over the next two years
NGL & Refined Products	 World-class integrated platform for processing, transporting, fractionating, storing and exporting NGLs Fastest growing NGLs business in Mont Belvieu via Lone Star Liquids volumes from our midstream segment culminate in the ET family's Mont Belvieu / Mariner South / Nederland Gulf Coast Complex Mariner East provides significant Appalachian liquids takeaway capacity connecting NGL volumes to local, regional and international markets via Marcus Hook 	 Increased volumes from transporting and fractionating volumes from Permian/Delaware and Midcontinent basins Increased fractionation volumes as large NGL fractionation third-party agreements expire Permian NGL takeaway New ethane and ethylene export opportunities from Gulf Coast
Crude Oil	 Bakken Crude Oil pipeline supported by long-term, fee-based contracts; expandable to 570,000 bpd with pump station modificatio Significant Permian takeaway abilities with potential to provide the market with ~1 million barrels of crude oil takeaway ~400,000 barrels per day crude oil export capacity from Nederland 26 million barrel Nederland crude oil terminal on the Gulf Coast Bakken crude takeaway to Gulf Coast refineries 	 Permian Express 3 expected to provide Midland & Delaware Basin crude oil takeaway to various markets, including Nederland, TX Permian Express Partners Joint Venture with ExxonMobil Also aggressively pursuing larger project to move barrels from the Permian Basin to Nederland, providing shipper capacity to ET storage facilities and header systems

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FULLY INTEGRATED SERVICES BY REGION



ET ASSETS ALIGNED WITH MAJOR U.S. DRILLING REGIONS



- Significant growth opportunities from bolt-on projects
 - Bolt-on projects are typically lower cost, higher return

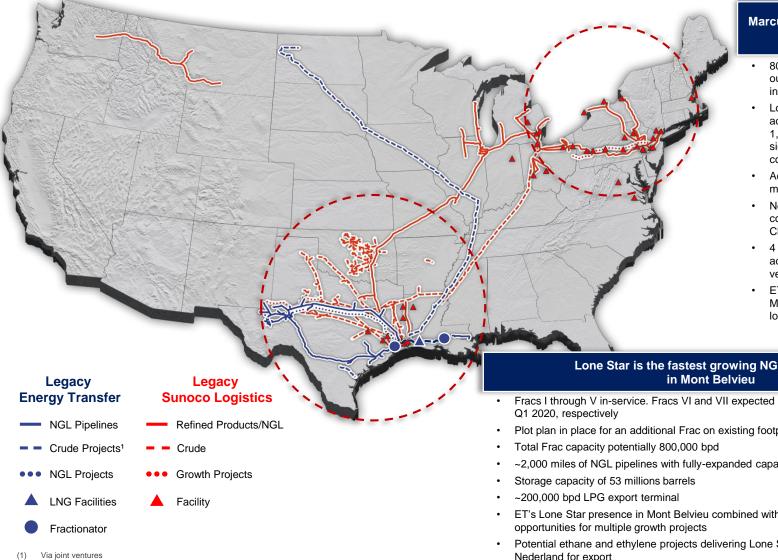
ETP Rig Count Areas Rigs: 59 Rigs: 37 Rigs: 99 Legend **Rigs: 12 Rigs: 443** ETP Crude --- ETP Crude Project **Rigs: 52** ETC Pipelines Marcellus/Utica Bakken Midcon/Panhandle North Texas ArkLaTex Eagleford **Rigs: 95** Permian

ET Rig Count¹ Vs. Lower 48 US Rig Count

ET's gas and crude gathering assets are located in counties where ~70% of total US rigs are currently drilling

FULLY INTEGRATED MIDSTREAM/LIQUIDS PLATFORM ACROSS NORTH AMERICA

The ability to integrate an end-to-end liquids solution will better serve customers and alleviate bottlenecks currently faced by producers



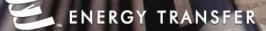
Marcus Hook: The future Mont **Belvieu of the North**

- 800 acre site: inbound and outbound pipeline along with infrastructure connectivity
- Logistically and financially advantaged for exports being 1,500 miles closer to Europe, significantly reducing shipping cost.
- Advantaged to local and regional markets
- No ship channel restriction, compared to the Houston Ship Channel
- 4 seaborne export docks can accommodate VLGC sized vessels
- ET's Rover, Revolution and Mariner East systems provide long-term growth potential

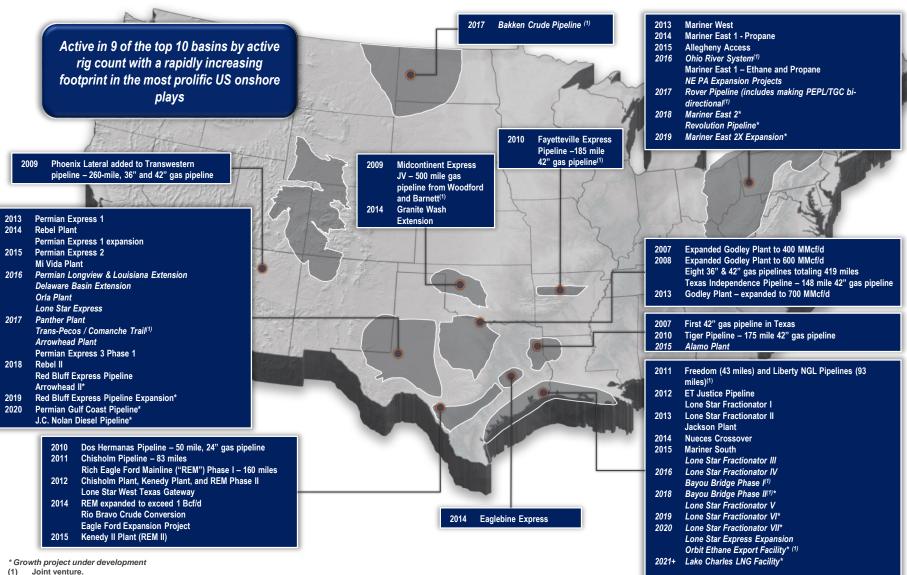
Lone Star is the fastest growing NGLs business

- Fracs I through V in-service. Fracs VI and VII expected in-service Q1 2019 and
- Plot plan in place for an additional Frac on existing footprint (7 fractionators in total)
- ~2,000 miles of NGL pipelines with fully-expanded capacity of ~1,300,000 bpd
- ET's Lone Star presence in Mont Belvieu combined with its Nederland terminal provide
- Potential ethane and ethylene projects delivering Lone Star fractionated products to 11 Nederland for export

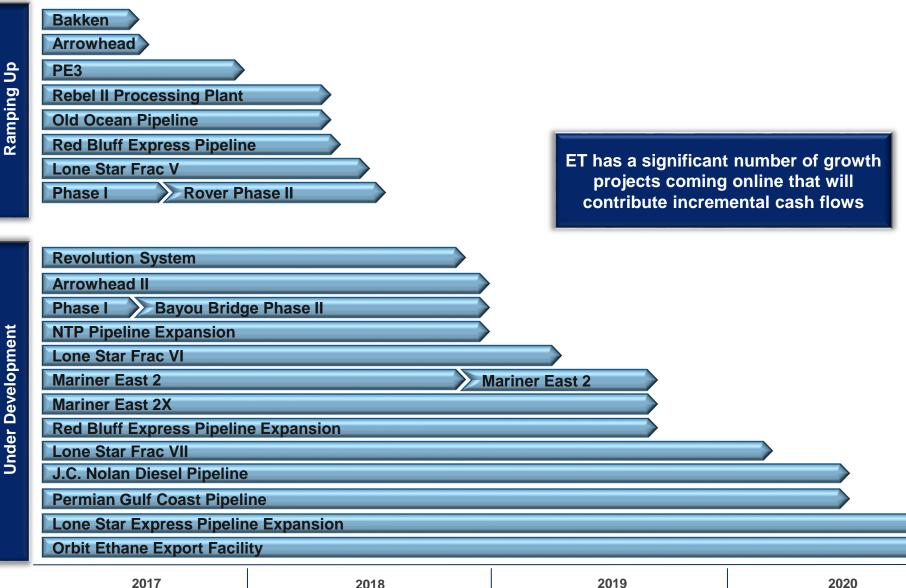
GROWTH FROM ORGANIC INVESTMENTS



ORGANIC GROWTH ENHANCES THE COMBINED ENTITY'S STRONG FOOTHOLD IN THE MOST PROLIFIC PRODUCING BASINS



ET PROJECTS PROVIDE VISIBILITY FOR FUTURE EBITDA GROWTH



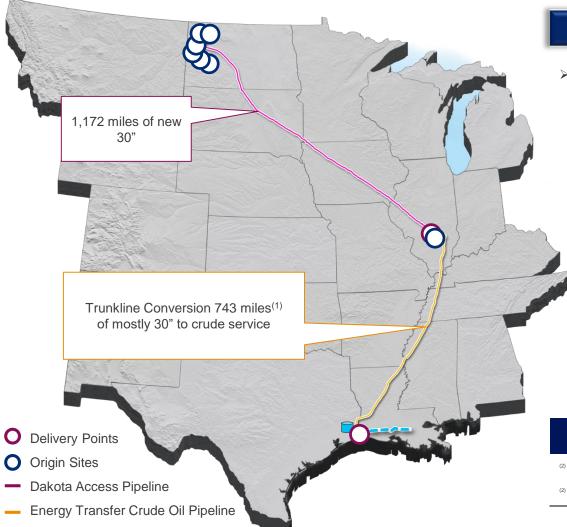
FORESEE SIGNIFICANT EBITDA GROWTH IN 2018 FROM COMPLETION OF PROJECT BACKLOG

Project Description

Project Timing

Permian Express 3	Provides incremental Permian takeaway capacity, with total capacity of 140Mbpd	In Service Q4 2017/Sept. 2018
Rebel II Processing Plant	200 MMcf/d cryogenic processing plant near existing Rebel plant	In Service Q2 2018
Old Ocean Pipeline ⁽¹⁾	24-inch, 160,000 Mmbtu/d natural gas pipeline from Maypearl, TX to Hebert, TX	In Service Q2 2018
Red Bluff Express Pipeline	~80-mile pipeline with capacity of at least 1.4 bcf/d will connect Orla Plant to the Waha Plant to provide residue takeaway; new extension will add an incremental 25 miles of pipeline	Q2 2018 / 2H 2019
Rover Pipeline ⁽¹⁾	Rover Pipeline ⁽¹⁾ 712 mile pipeline from Ohio / West Virginia border to Defiance, OH and Dawn, ON	
Revolution 110 miles of gas gathering pipeline, cryogenic processing plant, NGL pipelines, and fractionation facility in PA		Plant complete; awaiting pipeline restart
Lone Star Frac V Additional 120 Mbpd fractionator at Mont Belvieu complex		In Service July 2018
Mariner East 2 NGLs from Ohio/PA Marcellus Shale to the Marcus Hook Industrial Complex with 275Mbpd capacity upon full completion of ME2		Q4 2018
Arrowhead II 200 MMcf/d cryogenic processing plant in Midland Basin		Q4 2018
Bayou Bridge ⁽¹⁾	Bayou Bridge ⁽¹⁾ Crude pipeline connecting Nederland to Lake Charles / St. James, LA	
NTP Pipeline Expansion ⁽¹⁾	36-inch natural gas pipeline expansion, providing 160,000 Mmbtu/d of additional capacity from WTX for deliveries into Old Ocean	End of 2018
Lone Star Frac VI	150 Mbpd fractionator at Mont Belvieu complex	Q1 2019
Lone Star Frac VII	150 Mbpd fractionator at Mont Belvieu complex	Q1 2020
Mariner East 2X	Increase NGL takeaway from the Marcellus to the East Coast w/ storage at Marcus Hook Industrial Complex	Q3 2019
J.C. Nolan Diesel Pipeline	30,000 bbls/d diesel pipeline from Hebert, TX to newly-constructed terminal in Midland, TX	Q3 2020
Permian Gulf Coast Pipeline ⁽¹⁾	600-mile crude oil pipeline from Permian Basin to Texas Gulf Coast region	Mid-2020
Lone Star Express Expansion	24-inch, 352-mile expansion to LS Express Pipeline will add 400,000 bbls/d from Wink, TX to Fort Worth, TX	Q4 2020
Orbit Ethane Export Terminal	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	End of 2020

CRUDE OIL SEGMENT-BAKKEN PIPELINE PROJECT



- --- Bayou Bridge Pipeline
- Nederland Terminal

Project Details

- Dakota Access Pipeline connects Bakken production to Patoka Hub, IL, with interconnection to Energy Transfer Crude Oil Pipeline (Trunkline conversion) to reach Nederland and the Gulf Coast
 - Have commitments, including shipper flexibility and walk-up for an initial capacity of ~470,000 barrels per day
 - Open season in early 2017 increased the total to ~525,000 barrels per day
 - Went into service and began collecting demand charges on the initial committed capacity June 1, 2017
 - Q3 2018 volumes averaged 509,000 barrels
 - Currently in open season to fill expansion capacity up to 570,000 barrels per day

Project Name	Asset Type	Miles	Project Cost (\$bn)	In-service	Average Contract Duration
(2) Dakota Access	Crude pipelines	1,172	\$4.8	June 1, 2017	8.5 yrs
(2) ETCO Pipeline	Crude pipelines	743(1)	φ 4.0	Julie 1, 2017	0.5 yrs

Note: Gross JV project cost where applicable

- (1) 676 miles of converted pipeline + 67 miles of new build
- (2) Ownership is ET- 36.37%, MarEn-36.75%, PSXP-25%

CRUDE OIL SEGMENT – PERMIAN EXPRESS PROJECTS

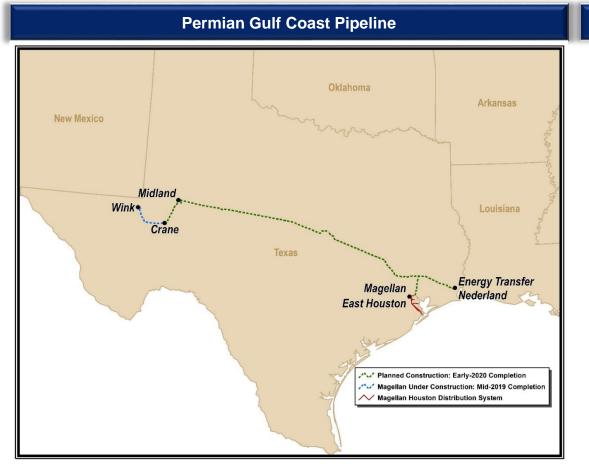
Permian Crude Projects



Permian Express 3

- Expected to provide Midland & Delaware Basin producers new crude oil takeaway capacity (utilizing existing pipelines) from this rapidly growing area to multiple markets, including the 26 million barrel ET Nederland, Texas terminal facility
- Placed ~100,000 barrels of capacity into-service in Q4 2017, and remaining capacity went into service September 2018, bringing total capacity to 140,000 barrels per day
- PE1, PE2 and PE3 are all operating at full capacity today

CRUDE OIL SEGMENT – GULF COAST PARTNERS PIPELINE



Permian Gulf Coast Pipeline JV

- Announced Joint Venture with Magellan Midstream, MPLX and Delek US Holdings to construct crude pipeline to transport crude oil from the Permian Basin to the Texas Gulf Coast region
- 30-inch diameter, 600-mile PGC pipeline
 expected to be operational mid-2020
- Multiple Texas origins, including Wink, Crane and Midland
- Strategic capability to transport crude oil to both ET's Nederland terminal and Magellan's East Houston terminal for ultimate delivery through their respective distribution systems
- Recently completed open season and have sufficient commitments to move forward
- Intend to launch supplemental open season to accommodate shipper requests for more time to finalize TSAs and obtain management approval

CRUDE OIL SEGMENT - BAYOU BRIDGE PIPELINE PROJECT

Project Details

Bayou Bridge Pipeline Map

- Joint venture between Phillips 66 Partners (40%) and ET (60%, operator)
- 30" Nederland to Lake Charles segment went into service in April 2016
- 24" St. James segment expected to be complete in the fourth quarter of 2018
- Light and heavy service
- Project highlights synergistic nature of ET crude platform and creates additional growth opportunities and market diversification



NGL & REFINED PROJECTS SEGMENT: MARINER EAST SYSTEM

- > A comprehensive Marcellus Shale solution reaching local, regional and international markets
- > Will transport Natural Gas Liquids from OH / Western PA to the Marcus Hook Industrial Complex on the East Coast
- Supported by long-term, fee-based contracts

Mariner East 1:

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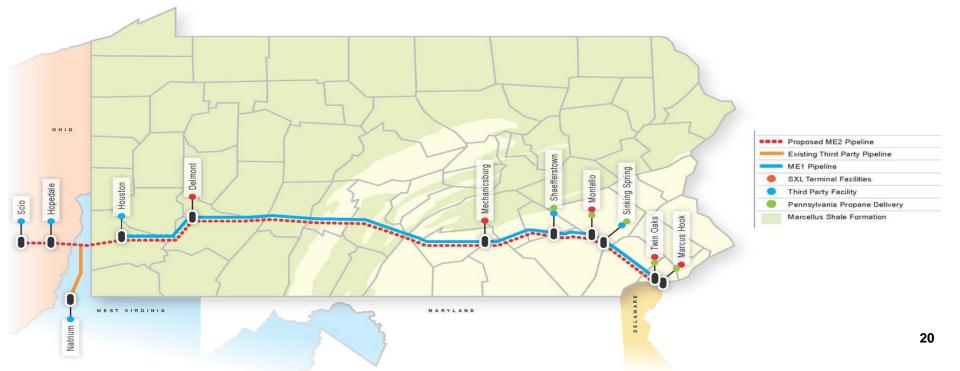
- nane & F
- Currently in-service for propane & ethane transportation, storage & terminalling services
- Approximate capacity of 70,000
 barrels per day

Mariner East 2:

- Expected to be in initial service Q4 2018
- NGL transportation, storage & terminalling services
- Capacity of 275,000 barrels per day upon full completion, with ability to expand as needed

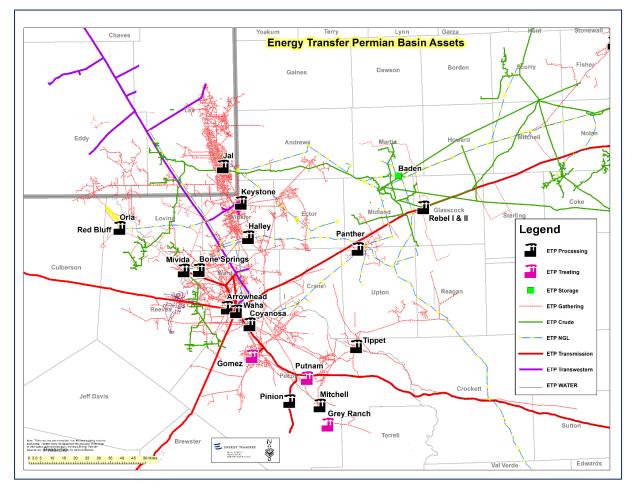
Mariner East 2x:

- Expected to be in-service Q3 2019
- Transportation, storage and terminalling services for ethane, propane, butane, C3+, natural gasoline, condensate and refined products



MIDSTREAM SEGMENT: PERMIAN BASIN INFRASTRUCTURE BUILDOUT

- ET is nearing capacity in both the Delaware and Midland Basins due to continued producer demand and strong growth outlook in the Permian
- > As a result of this demand, ET has continued to build out its Permian infrastructure



Processing Expansions

- 600 mmcf/d of processing capacity online in 2016 and 2017
- 200 mmcf/d Rebel II processing plant went into service at the end of April 2018; expected full by year-end
- 200 mmcf/d Arrowhead II processing plant went into service at end of October 2018; expected full by end of Q1 2019
- Recently approved construction of another 200 MMcf/d processing plant in the Delaware Basin
- Expect to add one to two new processing plants per year in the Midland and Delaware Basins over the next few years as demand remains strong

Red Bluff Express Pipeline

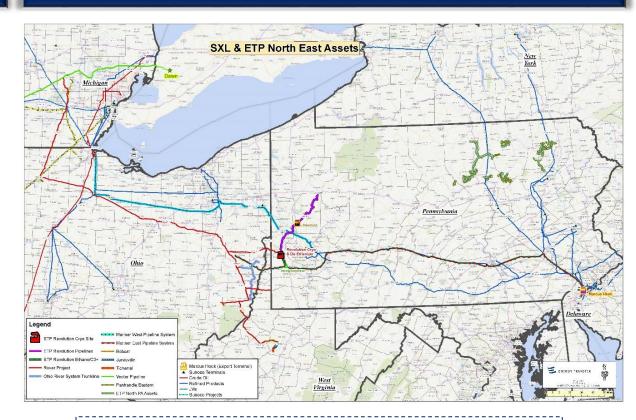
- 1.4 Bcf/d natural gas pipeline through heard of the Delaware Basin
- Connects Orla plant, as well as 3rd party plants, to Waha/Oasis header
- Went into service May 2018
- 25-mile expansion expected in service 2H 2019

MIDSTREAM SEGMENT: REVOLUTION SYSTEM PROJECT

Project Details

- System is located in Pennsylvania's Marcellus/Upper Devonian Shale rich-gas area
- Rich-gas, complete solution system
- Currently 20 miles of 16" in-service
- Build out assets will include:
 - 110 miles of 20", 24" & 30" gathering pipelines
 - Cryogenic processing plant with deethanizer
 - Natural gas residue pipeline with direct connect to Rover pipeline
 - Purity ethane pipeline to Mariner East system
 - C3+ pipeline and storage to Mariner East system
 - Fractionation facility located at Marcus Hook facility
- Multiple customers committed to project, which include volume commitments and a large acreage dedication
- Plant is mechanically complete; awaiting pipeline restart

Revolution Project Map



- Opportunity to connect Revolution system to Mariner East system to move additional NGL volumes out of the Marcellus / Utica
- Potential to increase product flows to Marcus Hook

INTERSTATE SEGMENT: MARCELLUS/UTICA ROVER PIPELINE

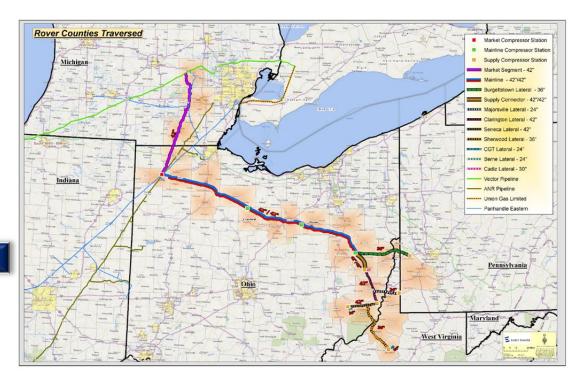
Project Details

- Sourcing natural gas from the Marcellus and Utica shales
- Connectivity to numerous markets in the U.S. and Canada
 - Midwest: Panhandle Eastern and ANR Pipeline near Defiance, Ohio
 - Michigan: MichCon, Consumers
 - Trunkline Zone 1A (via PEPL/Trunkline)
 - Canada: Union Gas Dawn Hub in Ontario, Canada
- 712 miles of new pipeline with capacity of 3.25 Bcf/d
- 3.1 Bcf/d contracted under long-term, fee-based agreements
- 32.56% owned by ET / 32.44% owned by Blackstone / 35% owned by Traverse Midstream Partners LLC¹

Timeline

- Phase IA began natural gas service on August 31, 2017; Phase IB began natural gas service in mid- December 2017
- Received FERC approval to place additional Phase II facilities into service, allowing for the full commercial operational capability of the Market North Zone segments
- > 100% of Rover mainline capacity is in service
- In August 2018, ET received approval to commence service on the Burgettstown and Majorsville supply laterals, allowing for 100% of contractual commitments on Rover to begin September 1, 2018
- Received approval from FERC to place Sherwood / CGT laterals into service November 1, 2018





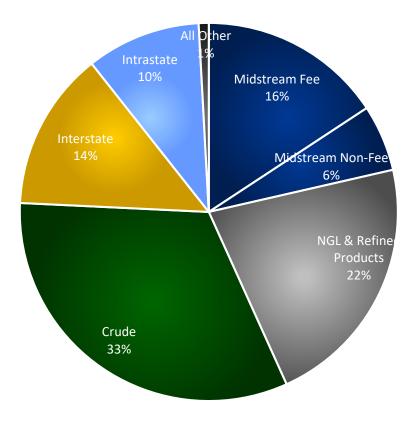
PRIMARILY FEE-BASED BUSINESS MIX

Stability of Cash Flows

Midstream: Approximately 80% fee-based margins from minimum volume commitment, acreage dedication and throughput-based contracts

- NGL & Refined Products: Transportation revenue from dedicated capacity and take-or-pay contracts, storage revenues consisting of both storage fees and throughput fees, and fractionation fees, which are primarily frac-or-pay structures
- Interstate Transportation & Storage: Approximately 95% firm reservation charges based on amount of firm capacity reserved, regardless of usage
- **Crude Oil**: Primarily fee-based revenues derived from the transporting and terminalling of crude oil
- Intrastate: Primarily fixed-fee reservation charges, transport fees based on actual throughput, and storage fees



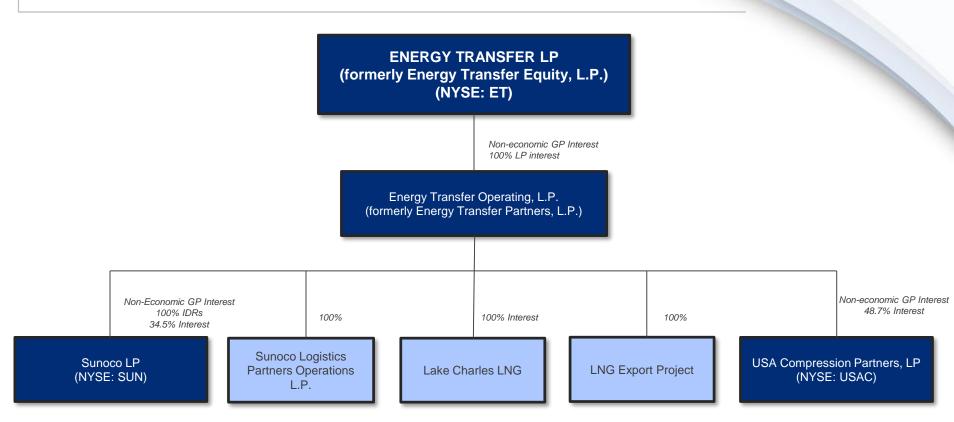


ETE - ETP MERGER

ENERGY TRANSFER

- On October 18, 2018, ETP unitholders voted to adopt the merger agreement, providing for the merger of ETP with ETE for \$27 billion in ETE common units
- Based on the results, over 98% of the units that voted, voted in favor of the merger.
- The merger transaction closed on October 19th, and the common units of the combined company, which is now simply Energy Transfer LP, began trading on the NYSE under the ticker symbol "ET"
- Under the terms of the transaction, ETP unitholders received 1.28 ETE common units for each ETP common unit they owned
- As a result, in the transaction, ET issued approximately 1.46 billion units to former ETP unitholders, and with this issuance, ET's current unit count is approximately 2.6 billion common units outstanding
- > Transaction creates a more simplified ownership structure and a stronger partnership going forward
- ET unitholders expected to benefit from stronger pro forma cash distribution coverage and reduced cost of capital
- Moody's recently revised Energy Transfer Operating (ETO) credit rating to stable

ET ORGANIZATIONAL STRUCTURE





STRATEGIC RATIONALE

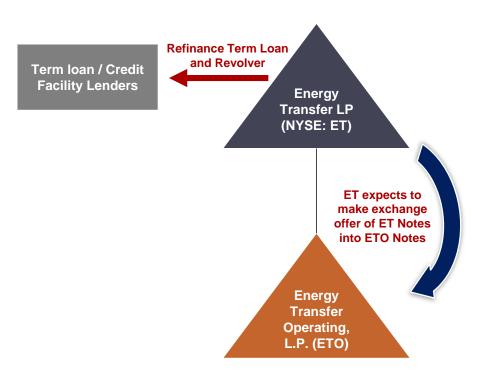
SIMPLIFIES OWNERSHIP STRUCTURE	 Transaction simplified Energy Transfer's corporate structure Further aligns economic interests within the Energy Transfer family Responsive to investor sentiment regarding structural evolution of midstream sector
ELIMINATES IDR BURDEN AND IMPROVES COST OF CAPITAL	 Removed the growing IDR burden for ETP and will reduce the cost of equity for the combined entity Improved cost of capital promotes the ability to compete for organic growth and strategic opportunities
INCREASES RETAINED CASH FLOW AND ENHANCES CREDIT PROFILE	 Increases retained cash flow to accelerate deleveraging ET pro forma expected to generate \$2.5 – \$3.0 billion of excess retained cash flow per annum Reduces common and preferred equity funding needs Expect the pro forma partnership to receive investment-grade credit ratings
LONGER-TERM DISTRIBUTION SUSTAINABILITY	 Increased distribution coverage provides distribution stability and long-term growth prospects ~1.7x – 1.9x pro forma distribution coverage ratio enhances funding optionality and reduces reliance on capital markets

ENHANCED PRO FORMA BALANCE SHEET AND LIQUIDITY POSITION

CONSERVATIVE AND FLEXIBLE FINANCIAL POLICY

- Expect to maintain ET distribution per unit at current level
- Meaningfully higher retained cash flow to drive further deleveraging
 - ~\$2.5 \$3.0 billion per year of distribution coverage expected
 - ~1.7x 1.9x expected coverage ratio
- Expect to fund majority of growth capex with retained cash flow
- Target leverage metrics consistent with strong investment grade ratings
- Ample liquidity through \$6 billion credit facilities to provide balance sheet flexibility

DEBT EXCHANGE OVERVIEW



SIMPLIFIED FINANCIAL STRUCTURE STRENGTHENS BALANCE SHEET AND CREDIT PROFILE AND POSITIONS THE COMPANY FOR FUTURE GROWTH

KEY TAKEAWAYS

Business Diversity	Diversified business model, together with the geographical diversity of our assets, continues to allow our businesses to demonstrate resiliency. The underlying fundamentals of our business are strong and we believe we are in a great position for growth
Capex Program	 Nearing the conclusion of major project backlog spend, and continue to foresee significant EBITDA growth in 2019 from the completion of these projects The majority of these projects are backed by long-term, fee-based contracts
Balance Sheet	Will remain prudent as it relates to the balance sheet, lowering leverage and increasing coverage and liquidity
Family Structure	Merger of Energy Transfer Equity and Energy Transfer Partners created a more simplified ownership structure, and a stronger partnership going forward
Distribution	Expect to maintain ET distribution per unit, and significantly increase cash coverage and retained cash flow following the merger of ETE and ETP

THE NEW ENERGY TRANSFER IS EXPECTED TO BENEFIT FROM A SIMPLIFIED STRUCTURE WITH ENHANCED FINANCIAL FLEXIBILITY AND LOWER COST OF CAPITAL

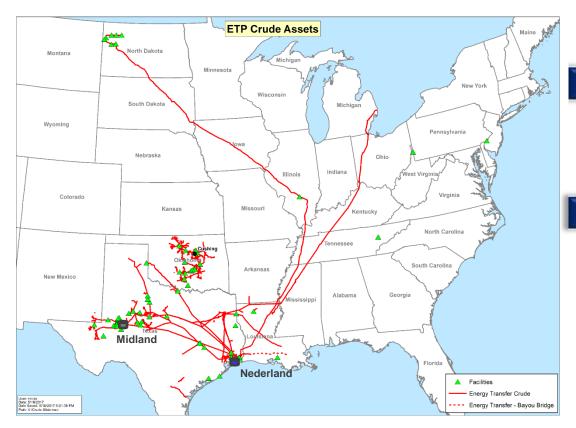




CRUDE OIL SEGMENT

Crude Oil Pipelines

- ~9,360 miles of crude oil trunk and gathering lines located in the Southwest and Midwest United States
- Controlling interest in 3 crude oil pipeline systems
 - Bakken Pipeline (~36.37%)
 - Bayou Bridge Pipeline (60%)
 - Permian Express Partners (~88%)



Crude Oil Acquisition & Marketing

- Crude truck fleet of approximately 370 trucks
- 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

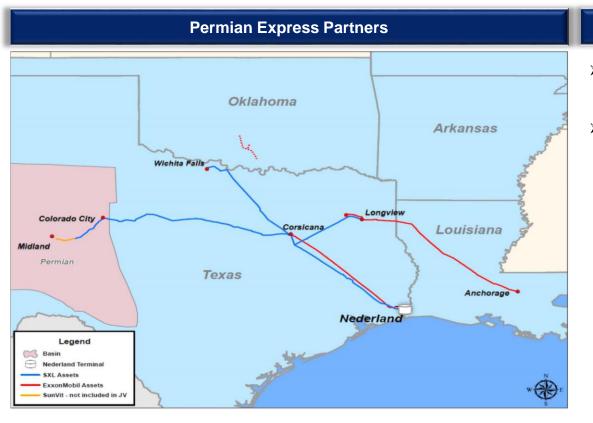
Crude Oil Terminals

- Nederland, TX Crude Terminal ~26 million barrel capacity
- > Northeast Crude Terminals ~3 million barrel capacity
- Midland, TX Crude Terminal ~2 million barrel capacity

ET Opportunities

- Delaware Basin Pipeline has ability to expand by 100 mbpd
- Evaluating Permian Express 4 Expansion Project (formerly PE3 Phase II)
- Aggressively pursuing larger project to move barrels from the Permian Basin to Nederland

CRUDE OIL SEGMENT - PERMIAN EXPRESS PARTNERS



Joint Venture Details

- Strategic joint venture with ExxonMobil (ET owns ~88% and is the operator)
- Combines key crude oil pipeline network of both companies and aligns ET's Permian takeaway assets with ExxonMobil's crude pipeline network

NGL & REFINED PRODUCTS SEGMENT

NGL Storage

- TET Mont Belvieu Storage Hub ~50 million barrels NGL storage, ~600 Mbpd throughput
- 3 million barrel Mont Belvieu cavern under development
- ~7 million barrels of NGL storage at Marcus Hook, Nederland and Inkster
- Hattiesburg Butane Storage ~3 million barrels

Fractionation

- 5 Mont Belvieu fractionators (540+ 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 in-service Q1 2019
- > 150 Mbpd Frac VI in-service Q1 2020

NGL Pipeline Transportation

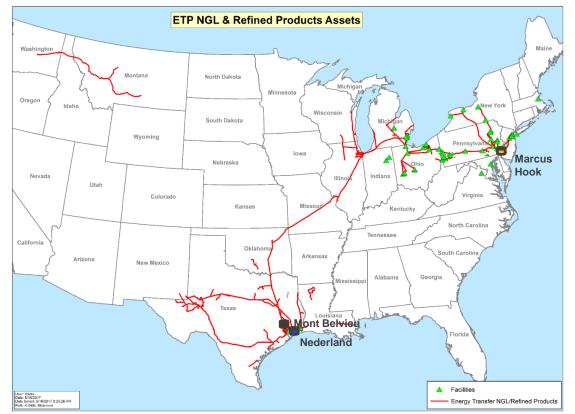
- ~4,300 miles of NGL Pipelines throughout Texas and Northeast
- > ~ 1,300 Mbpd of raw make transport capacity in Texas
- > ~ 1,130 Mbpd of purity NGL pipeline capacity
 - > 732 Mbpd on the Gulf Coast
 - > 398 Mbpd in the Northeast
- Announced Lone Star expansion
 - > 352 mile, 24-inch NGL pipeline
 - In-service 4Q 2020

Mariner Franchise

- ~200 Mbpd Mariner South LPG from Mont Belvieu to Nederland
- > 50 Mbpd Mariner West ethane to Canada
- > 70 Mbpd ME1 ethane and propane to Marcus Hook
- 275 Mbpd⁽¹⁾ ME2 NGLs to Marcus Hook (Initial inservice Q4 2018)
- ME2X expected in-service Q3 2019

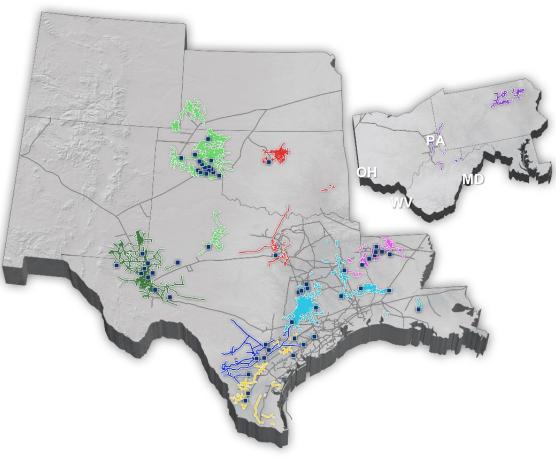
Refined Products

- ~2,200 miles of refined products pipelines in the northeast, Midwest and southwest US markets
- 40 refined products marketing terminals with 8 million barrels storage capacity



MIDSTREAM ASSETS

Midstream Asset Map



Midstream Highlights

- > Volume growth in key regions:
 - Q3 2018 gathered volumes reached a record ~12.8 million mmbtu/d, and NGLs produced were ~583,000 bbls/d, both up substantially over Q3 2017
- Permian Capacity Additions:
 - 200 MMcf/d Rebel II processing plant came online in April 2018
 - 200 MMcf/d Arrowhead II processing plant came online in October 2018
 - Recently approved construction of an additional 200 MMcf/d processing plant in the Delaware Basin
 - Due to continued strong demand in the Permian, expect to add one to two plants per year over the next few years as demand remains strong

Current Processing Capacity									
	Bcf/d	Basins Served							
- Permian	2.3	Permian, Midland, Delaware							
— Midcontinent/Panhandle	0.9	Granite Wash, Cleveland							
North Texas	0.7	Barnett, Woodford							
 South Texas 	1.9	Eagle Ford							
— North Louisiana	1.0	Haynesville, Cotton Valley							
Southeast Texas	0.4	Eagle Ford, Eagle Bine							
- Eastern	-	Marcellus Utica							

More than 40,000 miles of gathering pipelines with ~ 7.3 Bcf/d of processing capacity

INTERSTATE PIPELINE ASSETS

Interstate Asset Map



Interstate Highlights

Our interstate pipelines provide:

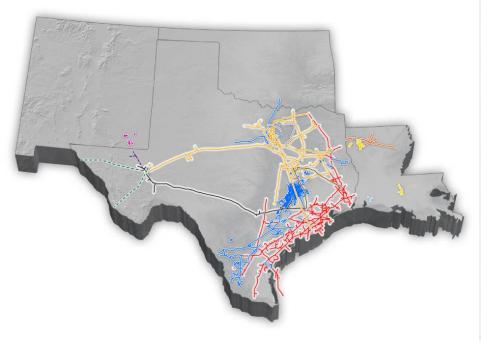
- Stability
 - Approximately 95% of revenue is derived from fixed reservation fees
- Diversity
 - Access to multiple shale plays, storage facilities and markets
- Growth Opportunities
 - Well positioned to capitalize on changing supply and demand dynamics
 - Expect earnings to benefit from placing Rover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

									Gulf		
	PEPL	TGC	TW	FGT	SR	FEP	Tiger	MEP	States	Rover	Total
Miles of Pipeline	5,980	2,220	2,570	5,360	830	185	195	500	10	713	18,563
Capacity (Bcf/d)	2.8	0.9	2.1	3.1	2.0	2.0	2.4	1.8	0.1	3.3	20.5
Owned Storage (Bcf)	83.9	13									96.9
Ownership	100%	100%	100%	50%	100%	50%	100%	50%	100%	32.6%	

~18,600 miles of interstate pipelines with ~21Bcf/d of throughput capacity

INTRASTATE PIPELINE ASSETS

Intrastate Asset Map



- ~ 8,700 miles of intrastate pipelines
- ~20 Bcf/d of throughput capacity

Intrastate Highlights

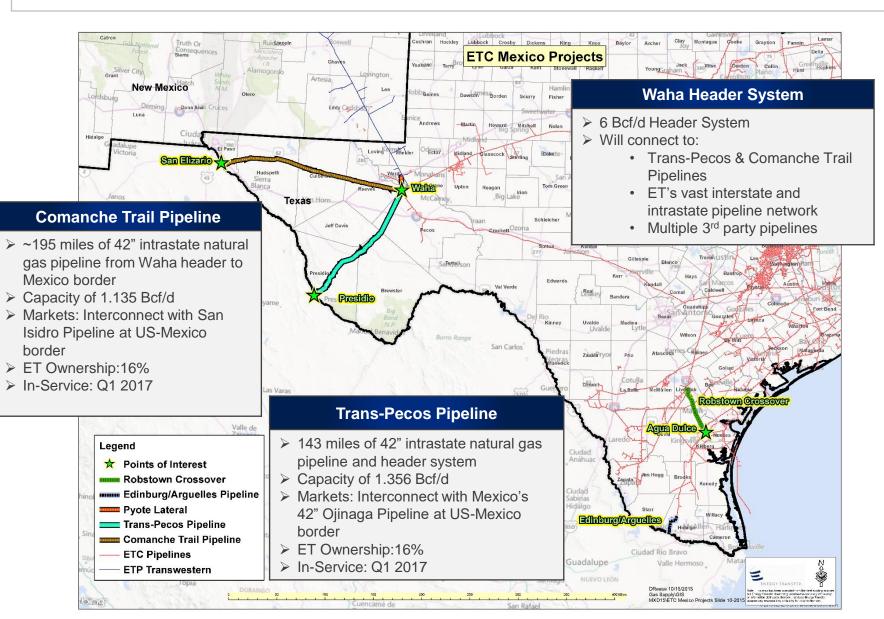
- Continue to expect volumes to Mexico to grow, particularly with the startup of Trans-Pecos and Comanche Trail in Q1 2017, which will result in increased demand for transport services through ET's existing pipeline network
 - Have seen an increase in 3rd party activity on both of these pipes, mostly via backhaul services being provided to the Trans-Pecos header
- 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 3rd party plants, to the Waha Oasis Header, and went into service in Q2 2018

	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	2,780	11.2	Yes	Waha, Katy, Carthage						
—	Oasis Pipeline	1.2	750	NA	Yes	Waha, Katy						
-	Houston Pipeline System	5.3	3,920	52.5	No	HSC, Katy, Aqua Dulce						
	ETC Katy Pipeline	2.4	460	NA	No	Katy						
-	RIGS ¹	2.1	450	NA	No	Union Power, LA Tech						
-	Red Bluff Express	1.4	100	NA	No	Waha						

An expansion to Red Bluff Express is expected online in 2H 2019

(1) ET owns a 49.99% general partnership interest

INTRASTATE SEGMENT: MEXICO (CFE)



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ET NON-GAAP FINANCIAL MEASURES

Energy Transfer LP

Reconciliation of Non-GAAP Measures

		Pro Form a for Mergers												
	Full Year	-			-	2017						2018		
	2016		Q1	Q2	-	Q3	Q4	YTD		Q1	Q2	- 3	Q3	YTD
Net income	\$ -	\$	319	\$ 121	\$	758	\$ 1,168	\$ 2,366	\$	489	\$ 633	\$	1,391	\$ 2,513
(Income) loss from discontinued operations	462		11	193		(17)	(10)	177		237	26		2	265
Interest expense, net	1,804		473	477		490	482	1,922		466	510		535	1,511
Gains on acquisitions	(83)			-		-	-						(=)	-
Impairment losses	1,040			89		10	940	1,039		(L)			-	-
Income tax expense (benefit)	(258)		38	33		(157)	(1,747)	(1,833)		(10)	68		(52)	6
Depreciation, depletion and amortization	2,216		628	607		642	677	2,554		665	694		750	2,109
Non-cash compensation expense	70		27	20		29	23	99		23	32		27	82
(Gains) losses on interest rate derivatives	12		(5)	25		8	9	37		(52)	(20)	(45)	(117)
Unrealized (gains) losses on commodity risk management activities	136		(69)	(29)		76	(37)	(59)		87	265		(97)	255
(Gain) loss on disposal of assets	39		2	3		(5)	-	-		3	1		(18)	(14)
Losses on extinguishments of debt	-		25	1244		-	64	89		106	-		-	106
Inventory valuation adjustments	(97)		13	29		(50)	(16)	(24)		(25)	(32)	7	(50)
Impairment of investment in unconsolidated affiliates	308		-	141		-	313	313		142	-		141	-
Equity in (earnings) losses of unconsolidated affiliates	(270)		(87)	(49)		(92)	84	(144)		(79)	(92)	(87)	(258)
Adjusted EBITDA related to unconsolidated affiliates	675		185	164		205	162	716		156	168		179	503
Adjusted EBITDA from discontinued operations	199		31	72		76	44	223		(20)	(5)		(25)
Other, net	(118)	10	(14)	(38)	1.0	(24)	(79)	(155)		(44)	14	-	(15)	(45)
Adjusted EBITDA (consolidated)	6,135		1,577	1,717		1,949	2,077	7,320		2,002	2,262		2,577	6,841
Adjusted EBITDA related to unconsolidated affiliates	(675)		(185)	(164)		(205)	(162)	(716)		(158)	(168)	(179)	(503)
Distributable cash flow from unconsolidated affiliates	375		109	86		133	102	430		104	99		109	312
Interest expense, net	(1,832)		(477)	(481)		(503)	(497)	(1,958)		(468)	(510)	(535)	(1,513)
Preferred unitholders' distributions	-		-	-		-	(12)	(12)		(24)	(41)	(51)	(116)
Current income tax (expense) benefit	17		-	(14)		(15)	(10)	(39)		(469)	28		(24)	(465)
Transaction-related tax expenses	-		140	-		-	-	-		480	(10)	14-1 1	470
Maintenance capital expenditures	(474)		(78)	(114)		(130)	(157)	(479)		(91)	(126)	(156)	(373)
Other, net	19	_	18	21	_	23	6	68		8	5		16	29
Distributable Cash Flow (consolidated)	3,565		964	1,051		1,252	1,347	4,614		1,386	1,539		1,757	4,682
Distributable Cash Flow attributable to Sunoco LP (100%)	(381)		(77)	(158)		(125)	(89)	(449)		(84)	(99)	(147)	(330)
Distributions from Sunoco LP	231		58	68		66	67	259		41	41		41	123
Distributable Cash Flow attributable to USAC (100%)	-		-	323		2	-	2		14	(46)	(47)	(93)
Distributions from USAC			-	5 - 9			-	-		-	31		21	52
Distributable Cash Flow attributable to PennTex Midstream Partners, LP (100%)	(11)		(19)	-		-	-	(19)			-			-
Distributions from PennTex Midstream Partners, LP	16		8			-		8					(=)	
Distributable cash flow attributable to noncontrolling interest in other non-wholly-owned subsidiaries	(40)		(23)	(57)		(119)	(151)	(350)	_	(147)	(180)	(253)	(580)
Distributable Cash Flow attributable to the partners of ET - pro forma for mergers	3,380		911	904		1,074	1,174	4,063		1,196	1,286		1,372	3,854
Transaction-related expenses	75		10	29	_	14	4	57		(1)	14	_	12	25
Distributable Cash Flow attributable to the partners of ET, as adjusted - pro forma for mergers	\$ 3,455	\$	921	\$ 933	\$	1,088	\$ 1,178	\$ 4,120	\$	1,195	\$ 1,300	\$	1,384	\$ 3,879

Note

For the periods reflected above, Distributable Cash Flow attributable to the partners of ET reflects the proforma impacts of the ETE-ETP merger in October 2018, for periods including dates on or before March 31, 2017, Distributable Cash Flow also reflects the proforma impacts of the ETE-SXL merger in April 2017. On a proforma basis, the acquired subsidiaries (ETP and SXL) are treated as wholly owned subsidiaries for periods prior to the respective mergers.

Certain other prior period amounts have also been reclassified to conform to the current period presentation, including a reclassification between capitalized interest and AFUDC from the nine months ended September 30, 2017.

Definitions

Adjusted EBITDA and Distributable Cash Flow are non-GAAP financial measures used by industry analysts, investors, lenders, and rating agencies to assess the financial performance and the operating results of the Partnership's fundamental business activities and should not be considered in isolation or as a substitute for net income, fincome from operating, cash flows from operating activities, or other GAAP measures. There are material limitations to using measures such as Adjusted EBITDA and Distributable Cash Flow, including the inability to analyze certain significant items that directly affect a company's net income or loss or cash flows from operations of Adjusted EBITDA and Distributable Cash Flow, including 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 and Distributable Cash Flow may not be consistent with similarly titled measures of other comparies and should be viewed in conjunction with measurements that are computed in accordance with OAAP, such as gross margin, operating income, net income, and cash flow from operating activities.

The Partnership defines 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 adivities, non-cash impairment charges, losses on extinguishments of debt and other non-operating income or expense items. Unrealized gains and losses on commodity risk management adivities include unrealized gains and losses on commodity risk management adivities include unrealized gains and losses on commodity risk management adivities include unrealized gains and losses on commodity risk management adivities include unrealized gains and losses on commodity risk management adivities include unrealized gains and losses on commodity risk management adivities include unrealized gains and losses on commodity risk management adivities include unrealized gains and losses on commodity risk management adivities include unrealized gains and losses on commodity risk management adivities include unrealized gains and losses on commodity risk management adivities include unrealized gains and losses on commodity risk management adivities include unrealized gains and losses on commodity risk management adivities include unrealized gains and losses on commodity risk management adivities include unrealized gains and losses on commodity risk management adivities include adivities include adivities based on the Pathership's proprionate adivership.

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. The Partnership defines Distributable Cash Flow as net income, adjusted for certain non-cash items, less distributons to preferred uniholders and maintenance capital expenditures. Non-cash items include depreciation, depletion and losses on discommodity risk management advite; and losses on discommodity risk management advite; and losses on discommodity risk management advite; and deferred income taxes. Unrealized gains and losses on sommodity risk management advite; and use on explanse, 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 the Partnership's consolidated subsidiaries. However, to the extent that noncontrolling interests exist among the Partnership's subsidiaries, the Distributable Cash Flow of the Distributable Cash Flow agnerated by such subsidiaries may not be extend that noncontrolling interests exist among the Partnership's subsidiaries, the Distributable Cash Flow of the Partnership's consolidated subsidiaries. However, to the extent that noncontrolling interests exist among the Partnership's subsidiaries, the Distributable Cash Flow agnerated by such subsidiaries may not be extended by available to be distributed to the partners of ET, which is calculated by adjusting Distributable Cash Flow (cash Flow (cash Flow (cash Flow)) and (cash Flow) agnerated by such as the cash flow (consolidated), as follows:

• For subsidiaries with publicly traded equity interests, Distributable Cash Flow (consolidated) includes 100% of Distributable Cash Flow attributable to such subsidiary, and Distributable Cash Flow attributable to the

partners of ET 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 subsidiary, but Distributable Cash Flow attributable to the partners of ET is net of distributions to be paid by the subsidiary to the noncontrolling interests.

ETO NON-GAAP FINANCIAL MEASURES

	Three Months Ended September 30,					Nine Months Ended September 30,				
		2018	50	2017		2018	8	2017		
Segment Margin:	2		60		1	1	2			
Intrastate transportation and storage	\$	284	\$	167	\$	722	\$	551		
Interstate transportation and storage		395		224		1,039		666		
Midstream		622		530		1,768		1,614		
NGL and refined products transportation and services		634		483		1,821		1,558		
Crude oil transportation and services		944		548		1,954		1,194		
All other		25		112		177		290		
Intersegment eliminations		(8)		(13)		(23)		(24)		
Total segment margin		2,896		2,051		7,458		5,849		
Less:										
Operating expenses		632		571		1,863		1,603		
Depreciation, depletion and amortization		636		596		1,827		1,713		
Selling, general and administrative		123		105		347		335		
Operating income	\$	1,505	\$	779	\$	3,421	\$	2,198		

Segment Margin is a non-GAAP financial measure and is presented herein to assist in the analysis of segment operating results and particularly to facilitate an understanding of the impacts that changes in sales revenues have on the segment performance measure of Segment Adjusted EBITDA. Segment Margin is similar to the GAAP measure of gross margin, except that Segment Margin excludes charges for depreciation, depletion and amortization.

The above is a reconciliation of Segment Margin to operating income, as reported in the Partnership's consolidated statements of operations.