Energy Transfer Partners, L.P. Form 424B3 March 25, 2008

The information in this preliminary prospectus supplement is not complete and may be changed. This prospectus supplement and the accompanying prospectus are not an offer to sell these securities and they are not soliciting an offer to buy these securities in any jurisdiction where the offer or sale is not permitted.

Filed Pursuant to Rule 424(b)(3) Registration No. 333-147990

SUBJECT TO COMPLETION, DATED MARCH 25, 2008.

PRELIMINARY PROSPECTUS SUPPLEMENT (To Prospectus dated December 11, 2007)

\$

Energy Transfer Partners, L.P.

% Senior Notes due 2013

% Senior Notes due 2018

% Senior Notes due 2038

We are offering \$ aggregate principal amount of our % Senior Notes due 2013, or 2013 notes, \$ aggregate principal amount of our % Senior Notes due 2018, or 2018 notes, and \$ aggregate principal amount of our % Senior Notes due 2038, or 2038 notes. We refer to the 2013 notes, 2018 notes and 2038 notes, collectively, as the notes.

Interest on the notes will accrue from , 2008 and will be payable semiannually on and of each year, beginning on , 2008, with respect to the 2013 notes, on and of each year, beginning on , 2008, with respect to the 2018 notes, and on , and of each year, beginning on , 2008, with respect to the 2038 notes. The 2013 notes will mature on , 2013, the 2018 notes will mature on 2018, and the 2038 notes will mature on , 2038.

We may redeem some or all of the notes at any time at the redemption price, which includes a make-whole premium, described under Description of Notes beginning on page S-20.

The notes are unsecured senior obligations. If we default, your right to payment under the notes will rank equally in the right of payment with our other current and future unsecured senior debt. The notes will not initially be guaranteed by our subsidiaries.

None of the Securities and Exchange Commission, any state securities commission or any other U.S. regulatory authority has approved or disapproved the securities nor have any of the foregoing authorities passed upon or endorsed the merits of this offering or the accuracy or adequacy of this prospectus supplement or the accompanying prospectus. Any representation to the contrary is a criminal offense.

Investing in the notes involves risks. See Risk Factors beginning on page S-9 of this Prospectus Supplement and on page 4 of the accompanying Prospectus and the other risks identified in the documents incorporated by reference herein for information regarding risks you should consider before investing in the notes.

Per Total Per Total Per Total

	2013 Note	2013 Notes	2018 Note	2018 Notes	2038 Note	2038 Notes
Price to Public(1)	%	\$	%	\$	%	\$
Underwriting Discount Proceeds to Energy Transfer Partners,	%	\$	%	\$	%	\$
L.P. (Before Expenses)	%	\$	%	\$	%	\$

(1) Plus accrued interest from , 2008, if settlement occurs after that date.

The underwriters expect to deliver the notes in book-entry form only to purchasers through The Depository Trust Company on or about , 2008.

Joint Book-Running Managers

Wachovia Securities Credit Suisse JPMorgan UBS Investment Bank

Co-Managers

Banc of America Securities LLC

BMO Capital Markets

BNP PARIBAS

Citi

Deutsche Bank Securities Morgan Stanley

RBS Greenwich Capital

Wells Fargo Securities

The date of this prospectus supplement is , 2008.

TABLE OF CONTENTS

Prospectus Supplement

About This Prospectus Supplement	ii
Prospectus Supplement Summary	S-1
Risk Factors	S-9
<u>Use of Proceeds</u>	S-14
Ratio of Earnings to Fixed Charges	S-14
<u>Capitalization</u>	S-15
<u>Description of Other Indebtedness</u>	S-16
<u>Description of Notes</u>	S-20
Certain United States Federal Income Tax Considerations	S-35
<u>Underwriting</u>	S-39
<u>Legal Matters</u>	S-41
<u>Experts</u>	S-41
Where You Can Find More Information	S-41
Prospectus	
About This Prospectus	1
Energy Transfer Partners, L.P.	1
Cautionary Statement Concerning Forward-Looking Statements	2
Risk Factors	4
Use of Proceeds	30
Ratio of Earnings to Fixed Charges	31
Description of Units	32
Cash Distribution Policy	39
Description of the Debt Securities	43
Material Income Tax Considerations	49
Investments In Us By Employee Benefit Plans	64
Legal Matters	66
Experts	66
Where You Can Find More Information	66
i	

ABOUT THIS PROSPECTUS SUPPLEMENT

We provide information to you about the notes in two separate documents that offer varying levels of detail:

the accompanying prospectus, which provides general information, some of which may not apply to the notes; and

this prospectus supplement, which provides a summary of the specific terms of the notes.

You should rely only on the information contained in this prospectus supplement, the accompanying prospectus and the documents we have incorporated by reference. We have not authorized anyone else to give you different information. We are not offering the notes in any state where the offer is not permitted. You should not assume that the information in this prospectus supplement or in the accompanying prospectus is accurate as of any date other than the date on the front of those documents. If the description of this offering varies between this prospectus supplement and the accompanying prospectus, you should rely on the information in this prospectus supplement. You should not assume that any information contained in the documents incorporated by reference in this prospectus supplement or the accompanying prospectus is accurate as of any date other than the respective dates of those documents. Our business, financial condition, results of operations and prospects may have changed since those dates.

None of Energy Transfer Partners, L.P., the underwriters or any of their respective representatives is making any representation to you regarding the legality of an investment in the notes by you under applicable laws. You should consult with your own advisors as to legal, tax, business, financial and related aspects of an investment in the notes.

ii

PROSPECTUS SUPPLEMENT SUMMARY

This summary highlights information included or incorporated by reference in this prospectus supplement. It does not contain all of the information that is important to you. You should read carefully the entire prospectus supplement, the accompanying prospectus, the documents incorporated by reference and the other documents to which we refer herein for a more complete understanding of this offering.

Unless the context otherwise requires, the words, we, us, our and similar terms, as well as references to the Partnership refer to Energy Transfer Partners, L.P. and all of its operating limited partnerships and subsidiaries. With respect to the cover page and in the sections entitled Prospectus Supplement Summary The Offering, Description of Notes and Underwriting, we, our and us refer only to Energy Transfer Partners, L.P. and not to any of its operatin limited partnerships or subsidiaries.

The Company

Overview

We are a publicly traded limited partnership that owns and operates a diversified portfolio of energy assets. Our natural gas operations include intrastate natural gas gathering and transportation pipelines, an interstate pipeline, natural gas treating and processing assets located in Texas, New Mexico, Arizona, Louisiana, Utah and Colorado, and three natural gas storage facilities located in Texas. These assets include approximately 14,100 miles of intrastate pipeline in service, with an additional 500 miles of intrastate pipeline under construction, and 2,400 miles of interstate pipelines. We are also one of the three largest retail marketers of propane in the United States, serving more than one million customers across the country. In November 2007, we changed our fiscal year end from a year ending August 31 to a year ending December 31.

Our Business

Midstream Operations

We own and operate approximately 6,260 miles of in-service natural gas gathering pipelines, three natural gas processing plants, five natural gas treating facilities, and ten natural gas conditioning facilities. Our midstream segment focuses on the gathering, compression, treating, blending, processing and marketing of natural gas, and our operations are currently concentrated in the Austin Chalk trend of southeast Texas, the Permian Basin of west Texas, the Barnett Shale in north Texas, the Bossier Sands in east Texas, and the Uinta and Piceance Basins in Utah and Colorado.

Our midstream segment accounted for approximately 15% of our total consolidated operating income for the year ended August 31, 2007 and approximately 23% of our total consolidated operating income for the four months ended December 31, 2007. Our midstream segment results are derived primarily from margins that we realize for natural gas volumes that are gathered, transported, purchased and sold through our pipeline systems, processed at our processing and treating facilities, and the volumes of natural gas liquids, or NGLs, processed at our facilities. We also market natural gas on our pipeline systems in addition to other pipeline systems to realize incremental revenue on gas purchased, increase pipeline utilization and provide other services that are valued by our customers. In addition, we generate income from limited trading activities, principally from the use of derivatives, in accordance with our commodity risk management policy.

Our midstream segment consists of the following operations and assets:

The Southeast Texas System, a 4,300-mile integrated system located in southeast Texas that gathers, compresses, treats, processes and transports natural gas from the Austin Chalk trend. The Southeast Texas System is a large natural gas gathering system covering thirteen counties between Austin and Houston. The system includes the La Grange processing plant, five treating facilities and three conditioning facilities. This system is connected to the Katy Hub through the 168-mile East Texas pipeline and is also connected to the Oasis pipeline, as well as two power plants.

S-1

The La Grange processing plant is a cryogenic natural gas processing plant that processes the rich natural gas that flows through our system to produce residue gas and NGLs. The plant has a processing capacity of approximately 240 MMcf/d. Our five treating facilities have an aggregate capacity of 700 MMcf/d. These treating facilities remove carbon dioxide and hydrogen sulfide from natural gas gathered into our system before the natural gas is introduced to transportation pipelines to ensure that the gas meets pipeline quality specifications. Our three conditioning facilities have an aggregate capacity of 450 MMcf/d. These conditioning facilities remove heavy hydrocarbons from the gas gathered into our systems so the gas can be redelivered and meet downstream pipeline hydrocarbon dew point specifications.

The North Texas System, a 160-mile integrated system located in four counties in North Texas that gathers, compresses, treats, processes and transports natural gas from the Barnett Shale trend. The system includes our Godley plant, as discussed below.

The Godley plant was built in two phases to process rich natural gas produced from the Barnett Shale and is connected with the North Texas System and the ET Fuel System. The facility consists of a cryogenic processing plant with processing capacity of approximately 300 MMcf/d. Construction is in progress to increase the aggregate processing capacity to approximately 500 MMcf/d and is scheduled to be completed in the third quarter of 2008.

The Canyon Gathering System consists of approximately 1,800 miles of gathering pipeline ranging in diameters from two inches to 16 inches in the Piceance-Uinta Basin of Colorado and Utah and six conditioning plants with an aggregated processing capacity of 90 MMcf/d. The system currently gathers approximately 130 MMcf/d from 1,400 wells and is connected to five major pipeline systems.

Interests in various midstream assets located in New Mexico, Texas and Louisiana, including the New Mexico Gathering System, the Rusk County Gathering System, the Whiskey Bay System, and the Chalkley Transmission System. On a combined basis, these assets have a capacity of approximately 450 MMcf/d.

Marketing operations through our producer services business, in which we market the natural gas that flows through our pipeline systems, referred to as on-system gas, and attract other customers by marketing volumes of natural gas that do not move through our pipeline systems, referred to as off-system gas. For both on-system and off-system gas, we purchase natural gas from natural gas producers and other supply points and sell the natural gas to utilities, industrial consumers, other marketers and pipeline companies, thereby generating gross margins based upon the difference between the purchase and resale prices.

Substantially all of our on-system marketing efforts involve natural gas that flows through either the Southeast Texas System or our intrastate transportation pipelines. For the off-system gas, we purchase gas or act as an agent for small independent producers that do not have marketing operations. We develop relationships with natural gas producers to facilitate the purchase of their production on a long-term basis.

Intrastate Transportation and Storage Operations

We own and operate approximately 7,600 miles of intrastate natural gas transportation pipelines, three natural gas storage facilities and six natural gas treating facilities. We own the largest intrastate pipeline system in the United States with interconnects to major consumption areas throughout the United States. Our intrastate transportation and storage segment focuses on the transportation of natural gas between major markets from various natural gas producing areas through connections with other pipeline systems as well as through our Oasis pipeline, our East Texas pipeline, our natural gas pipeline and storage assets that are referred to as the ET Fuel System, and natural gas pipeline

and storage assets that are referred to as the HPL System, which are described below.

S-2

Table of Contents

Our intrastate transportation and storage operations accounted for approximately 59% of our total consolidated operating income for the year ended August 31, 2007 and approximately 53% of our total consolidated operating income for the four months ended December 31, 2007. The results from our intrastate transportation and storage segment are primarily derived from the fees we charge to transport natural gas on our pipelines, including a fuel retention component. We also generate revenues and margins from the sale of natural gas to electric utilities, independent power plants, local distribution companies, industrial end-users, and other marketing companies on the HPL System. Generally, we purchase natural gas from either the market (including purchases from our midstream segment s producer services) or from producers at the wellhead. To the extent the natural gas comes from producers, it is purchased at a discount to a specified price and resold to customers based on an index price.

We also utilize our Bammel storage facility to engage in natural gas storage transactions in which we seek to find and profit from pricing differences that occur over time. We generally purchase physical natural gas and then sell financial contracts at a price sufficient to cover our carrying costs and provide for a gross profit margin.

Our intrastate transportation and storage segment consists of the following:

The ET Fuel System, which serves some of the most active drilling areas in the United States, is comprised of approximately 2,500 miles of intrastate natural gas pipeline and related natural gas storage facilities. With approximately 475 receipt and/or delivery points, including interconnects with pipelines providing direct access to power plants and interconnects with other intrastate and interstate pipelines, the ET Fuel System is strategically located near high-growth production areas and provides access to the Waha Hub near Midland, Texas, the Katy Hub near Houston, Texas and the Carthage Hub in east Texas, the three major natural gas trading centers in Texas. The ET Fuel System has total system throughput capacity of approximately 3.3 Bcf/d of natural gas and total working storage capacity of 12.4 Bcf of natural gas.

The ET Fuel System also operates its Bethel natural gas storage facility, with a working capacity of 6.4 Bcf, an average withdrawal capacity of 300 MMcf/d and an injection capacity of 75 MMcf/d, and its Bryson natural gas storage facility, with a working capacity of 6.0 Bcf, an average withdrawal capacity of 120 MMcf/d and an average injection capacity of 96 MMcf/d. Included in the ET Fuel System is a significant portion of our recently completed Cleburne to Carthage pipeline that connects our North Texas pipeline, a part of our ET Fuel System, our pipelines in the Barnett Shale region, and our Bethel storage facility to our Texoma pipeline in East Texas. On December 19, 2007, we announced the completion of two natural gas compression projects that will allow us to increase capacity on the Cleburne to Carthage pipeline. The two completed compression projects will add approximately 90,000 horsepower on the Cleburne to Carthage pipeline, increasing natural gas deliverability at the Carthage hub to more than 2.0 billion cubic feet per day.

In addition, the ET Fuel System is connected with our Godley plant. This connection gives us the ability to bypass the plant when processing margins are unfavorable by blending the untreated natural gas from the North Texas System with natural gas on the ET Fuel System while continuing to meet pipeline quality specifications.

The Oasis pipeline, a 583-mile natural gas pipeline that directly connects the Waha Hub to the Katy Hub. The Oasis pipeline is primarily a 36-inch diameter natural gas pipeline. It has bi-directional capability with approximately 1.2 Bcf/d of throughput capacity moving west-to-east and greater than 750 MMcf/d of throughput capacity moving east-to-west. The Oasis pipeline has many interconnections with other pipelines, power plants, processing facilities, municipalities and producers.

The Oasis pipeline is integrated with our Southeast Texas System and is an important component to maximizing our Southeast Texas System s profitability. The Oasis pipeline enhances the Southeast Texas

System by:

providing us with the ability to bypass the La Grange processing plant when processing margins are unfavorable;

S-3

providing access for natural gas on the Southeast Texas System to other third party supply and market points and interconnecting pipelines; and

allowing us to bypass our treating facilities on the Southeast Texas System and blend untreated natural gas from the Southeast Texas System with gas on the Oasis pipeline while continuing to meet pipeline quality specifications.

The HPL System is comprised of approximately 4,400 miles of intrastate natural gas pipeline with an aggregate capacity of 4.4 Bcf/d, six treating facilities with aggregate capacity of 280 MMcf/d, the underground Bammel storage reservoir and related transportation assets. The system has access to multiple sources of historically significant natural gas supply reserves from south Texas, the Gulf Coast of Texas, east Texas and the western Gulf of Mexico, and is directly connected to major gas distribution, electric and industrial load centers in Houston, Corpus Christi, Texas City and other cities located along the Gulf Coast of Texas. The HPL System also includes 32 miles of the Cleburne to Carthage pipeline from our Texoma pipeline interconnect to the Carthage Hub. The HPL System is well situated to gather gas in many of the major gas producing areas in Texas and has a particularly strong presence in the key Houston Ship Channel and Katy Hub markets, which significantly contributes to our overall ability to play an important role in the Texas natural gas markets. The HPL System is also well positioned to capitalize upon off-system opportunities due to its numerous interconnections with other pipeline systems, its direct access to multiple market hubs at Katy, the Houston Ship Channel and Agua Dulce, and its operation of the Bammel storage facility.

The Bammel storage facility has a total working gas capacity of approximately 62 Bcf and has a peak withdrawal rate of 1.3 Bcf/d. The field also has considerable flexibility during injection periods in that the HPL System has engineered an injection well configuration to provide for a 0.6 Bcf/d peak injection rate. The Bammel storage facility is strategically located near the Houston Ship Channel market area and the Katy Hub and is ideally suited to provide a physical backup for on-system and off-system customers.

On October 9, 2007, we announced our plan to expand our Cleburne to Carthage pipeline from the Texoma pipeline interconnect to the Carthage Hub, or the Carthage Loop, which expansion is expected to add 500 MMcf/d of pipeline capacity from Cleburne to the Carthage Hub. The Carthage Loop is expected to be in service by the third quarter of 2008.

The East Texas pipeline is a 168-mile natural gas pipeline that connects three treating facilities, one of which we own, with our Southeast Texas System. This pipeline was the first phase of a multi-phased project that increased service to producers in East and North Central Texas and provided access to the Katy Hub. The East Texas pipeline expansion had an initial capacity of over 400 MMcf/d which increased to the current capacity of 675 MMcf/d with the addition of the Grimes County Compressor Station. Over 500 MMcf/d of pipeline capacity is contracted under long-term agreements.

On October 9, 2007, we announced an expansion of our East Texas pipeline, referred to as the Katy expansion, with the installation of 56 miles of 36-inch pipeline and the addition of 20,000 horsepower of compression. The Katy expansion will increase the capacity on the East Texas pipeline from approximately 700 MMcf/d to more than 1.1 Bcf/d and is expected to be in service by the third quarter of 2008.

Interstate Transportation Operations

Our interstate transportation segment accounted for approximately 12% of our total consolidated operating income for the year ended August 31, 2007 and approximately 9% of our total consolidated operating income for the four months ended December 31, 2007. The results from our interstate transportation segment are primarily derived from the fees earned from natural gas transportation services

S-4

Table of Contents

and operational gas sales. Our interstate transportation operation began in fiscal 2007 with the acquisition of Transwestern Pipeline Company, LLC, or Transwestern.

Our interstate transportation segment consists of the following:

The Transwestern pipeline, an open-access natural gas interstate pipeline extending approximately 2,400 miles from the gas producing regions of West Texas, eastern and northwest New Mexico, and southern Colorado primarily to pipeline interconnects off the east end of its system and to pipeline interconnects at the California border. The Transwestern pipeline has access to three significant gas basins: the Permian Basin in West Texas and eastern New Mexico; the San Juan Basin in northwest New Mexico and southern Colorado; and the Anadarko Basin in the Texas and Oklahoma panhandle. Natural gas sources from the San Juan Basin and surrounding producing areas can be delivered eastward to Texas intrastate and mid-continent connecting pipelines and natural gas market hubs as well as westward to markets like Arizona, Nevada and California. Transwestern s customers include local distribution companies, producers, marketers, electric power generators and industrial end-users. Transwestern transports natural gas in interstate commerce. As a result, Transwestern qualifies as a natural gas company under the Natural Gas Act, or NGA, and is subject to the regulatory jurisdiction of the Federal Energy Regulatory Commission, or the FERC, which regulates our interstate natural gas pipeline interests. The operating results for Transwestern are included in our results on a consolidated basis as of its acquisition date (December 1, 2006).

During 2007, Transwestern initiated the Phoenix project, consisting of 260 miles of 42-inch and 36-inch pipeline lateral, with a throughput capacity of 500 MMcf/d, connecting the Phoenix area to Transwestern's existing mainline at Ash Fork, Arizona and approximately 25 miles of 36-inch pipeline looping of Transwestern's existing San Juan lateral, adding 375 MMcf/d of capacity. Transwestern filed with the FERC for a certificate of public convenience and necessity on September 15, 2006. On November 15, 2007, the FERC issued a certificate (the FERC Certificate) authorizing Transwestern to commence construction of the Phoenix project, subject to certain conditions. Transwestern filed its initial Implementation Plan on November 14, 2007 and accepted the FERC Certificate on November 19, 2007. On December 17, 2007, two parties filed requests for rehearing of the FERC Certificate and on December 20, 2007, one party filed a motion to stay the FERC Certificate. On February 21, 2008, the FERC issued an order denying the motion for stay and the requests for rehearing. As a result, the FERC Certificate issued on November 15, 2007 remains effective and binding. The Phoenix project is expected to be partially in-service in the third quarter of 2008 and completely in-service in the fourth quarter of 2008.

A joint development with Kinder Morgan Energy Partners, L.P. (KMP) for ETP s 50% interest in Midcontinent Express Pipeline, LLC (MEP), an approximately 500-mile interstate natural gas pipeline scheduled to be in service during the first quarter of 2009, that will originate near Bennington, Oklahoma, be routed through Perryville, Louisiana, and terminate at an interconnect with Transco s interstate natural gas pipeline in Butler, Alabama, that transports natural gas to the significant natural gas markets in the northeast portion of the United States.

Retail Propane Operations

We are one of the three largest retail propane marketers in the United States, serving more than one million customers across the country. Our propane operations extend from coast to coast with concentrations in the western, upper midwestern, northeastern and southeastern regions of the United States. Our propane business has grown primarily through acquisitions of retail propane operations and, to a lesser extent, through internal growth.

Our retail propane operations accounted for approximately 15% of our total consolidated operating income for the year ended August 31, 2007 and approximately 14% of our total consolidated operating income for the four months

ended December 31, 2007. The retail propane segment is a margin-based business in which gross profits depend on the excess of sales price over propane supply cost. The market price of propane is often subject to volatile changes as a result of supply or other market conditions over

S-5

Table of Contents

which we have no control. We have generally been successful in maintaining retail gross margins on an annual basis despite changes in the wholesale cost of propane, but there is no assurance that we will always be able to pass on product cost increases fully, particularly when product costs rise rapidly. Consequently, the profitability of our propane operations will be sensitive to changes in wholesale propane prices.

Our propane business is largely seasonal and dependent upon weather conditions in our service areas. Historically, approximately two-thirds of our retail propane volume and substantially all of our propane-related operating income, is attributable to sales during the six-month peak-heating season of October through March. This generally results in higher operating revenues and net income in the propane segment during the period from October through March of each year, and lower operating revenues and either net losses or lower net income during the period from April through September of each year. Cash flow from operations is generally greatest during the period from December to May of each year when customers pay for propane purchased during the six-month peak-heating season. Sales to commercial and industrial customers are much less weather sensitive.

A substantial portion of our propane is used in the heating-sensitive residential and commercial markets causing the temperatures in our areas of operations, particularly during the six-month peak-heating season, to have a significant effect on the financial performance of our propane operations. In any given area, sustained warmer-than-normal temperatures will tend to result in reduced propane use, while sustained colder-than-normal temperatures will tend to result in greater propane use.

The retail propane segment s gross profit margins are not only affected by weather patterns, but also vary according to customer mix. Sales to residential customers generate higher margins than sales to certain other customer groups, such as commercial or agricultural customers. In addition, propane gross profit margins vary by geographical region. Accordingly, a change in customer or geographic mix can affect propane gross profit without necessarily affecting total revenues.

We are a limited partnership formed under the laws of the State of Delaware. Our executive offices are located at 3738 Oak Lawn Avenue, Dallas, Texas 75219. Our telephone number is (214) 981-0700. We maintain a website at http://www.energytransfer.com that provides information about our business and operations. Information contained on this website, however, is not incorporated into or otherwise a part of this prospectus supplement or the accompanying prospectus.

S-6

The Offering

We provide the following summary solely for your convenience. This summary is not a complete description of the notes. You should read the full text and more specific details contained elsewhere in this prospectus supplement and the accompanying prospectus. For a more detailed description of the notes, see the section entitled Description of Notes in this prospectus supplement and the section entitled Description of the Debt Securities in the accompanying prospectus.

prospectus.			
Issuer	Energy Transfer Partners, L.P.		
Notes Offered	We are offering \$ aggregate principal amount of notes of the following series:		
	\$ % Senior Notes due 2013;		
	\$ % Senior Notes due 2018; and		
	\$ % Senior Notes due 2038.		
Maturity	The 2013 notes will mature on , 2013, the 2018 notes will mature on , 2018, and the 2038 notes will mature on , 2038.		
Interest Rate	Interest on the 2013 notes will accrue at the per annum rate of % interest, interest on the 2018 notes will accrue at the per annum rate of %, and interest on the 2038 notes will accrue at the per annum rate of %.		
Interest Payment Dates	Interest on the notes will accrue from the issue date of the notes and be payable semiannually on and of each year, beginning on , 2008, with respect to the 2013 notes, on and of each year, beginning on , 2008, with respect to the 2018 notes, and on and of each year, beginning on , 2008, with respect to the 2038 notes.		
Ranking	The notes will be our unsecured and unsubordinated obligations. The notes will rank equally with all of our other existing and future unsubordinated indebtedness. The notes will effectively rank junior to the indebtedness and other obligations, including trade payables, of our subsidiaries. As of December 31, 2007, the notes would have been effectively subordinated to approximately \$768 million of indebtedness of our subsidiaries. See Description of Notes Ranking on page S-23.		
Optional Redemption	We may redeem the notes in whole, at any time, or in part, from time to time, prior to maturity, at a redemption price with respect to the notes that includes accrued and unpaid interest and a make-whole premium. See Description of Notes Optional Redemption beginning on page S-21.		
Certain Covenants	We will issue the notes under a supplement to an indenture with U.S.		

Table of Contents 17

Bank National Association, as trustee. The covenants in the indenture

supplement include a limitation on liens and a restriction on sale-leasebacks. Each covenant is subject to a number of important exceptions, limitations and qualifications that are described in Description of Notes under the heading Certain Covenants.

S-7

Use of Proceeds

We anticipate using the proceeds of this offering:

to repay amounts outstanding under our \$500 million, 364-day term loan credit facility;

to repay a portion of amounts outstanding under our revolving credit facility (including our outstanding swingline loan);

to pay expenses associated with this offering, which we expect will be approximately \$0.7 million; and

for general partnership purposes.

See Use of Proceeds beginning on page S-14 of this prospectus supplement.

We may create and issue additional notes ranking equally and ratably with any series of notes offered by this prospectus supplement in all respects, except for the issue price and in some cases, the first interest payment date, so that such additional notes will form a single series with such series of notes offered by this prospectus supplement and will have substantially identical terms as such series of notes offered hereby, including with respect to ranking, redemption and otherwise.

Investing in the notes involves risks. See Risk Factors beginning on page S-9 of this prospectus supplement and on page 4 of the accompanying prospectus and the other risks identified in the documents incorporated by reference herein for information regarding risks you should consider before investing in the notes.

The FERC is pursuing legal action against us relating to certain natural gas trading and transportation activities, and related third party claims have been filed against us and Energy Transfer Equity, L.P., the indirect parent of our general partner. On March 17, 2008, the legal action previously brought against us by the Commodity Futures Trading Commission, or the CFTC, in federal district court was settled after we and the CFTC entered into a consent order in which we agreed to pay the CFTC \$10.0 million, and the CFTC agreed to release us from the claims brought against us by the CFTC in this legal action. In the consent order, we neither admit nor deny the allegations made by the CFTC in this legal proceeding. For a discussion of these matters, see Risk Factors Risks Related to our Business The FERC is pursuing legal action against us relating to certain natural gas trading and transportation activities, and related third party claims have been filed against us and ETE beginning on page S-10 of this prospectus supplement.

Further Issuances

Risk Factors

S-8

RISK FACTORS

An investment in the notes involves risks. You should consider carefully the risk factors included below and under the caption Risk Factors beginning on page 4 of the accompanying prospectus, together with all of the other information included in, or incorporated by reference into, this prospectus supplement and the accompanying prospectus, when evaluating an investment in the notes.

Risks Related to an Investment in the Notes

We have a holding company structure in which our subsidiaries conduct our operations and own our operating assets.

We are a holding company, and our subsidiaries conduct all of our operations and own all of our operating assets. We do not have significant assets other than the partnership interests and the equity in our subsidiaries. As a result, our ability to make required payments on the notes depends on the performance of our subsidiaries and their ability to distribute funds to us. The ability of our subsidiaries to make distributions to us may be restricted by, among other things, credit facilities and applicable state partnership laws and other laws and regulations. If we are unable to obtain the funds necessary to pay the principal amount at maturity of the notes, we may be required to adopt one or more alternatives, such as a refinancing of the notes. We cannot assure you that we would be able to refinance the notes.

The notes will be effectively subordinated to liabilities and indebtedness of our subsidiaries and subordinated to any of our existing and future secured indebtedness to the extent of the assets securing such indebtedness.

All of our operating assets are in our subsidiaries. However, initially, none of our subsidiaries will guarantee our obligations with respect to the notes. Therefore, the notes will be effectively subordinated to all indebtedness of our subsidiaries. As of December 31, 2007, the notes would have been effectively subordinated to approximately \$768 million of outstanding indebtedness of our subsidiaries. Furthermore, such subsidiaries are not prohibited under the indenture from incurring additional indebtedness. As a result, holders of the notes will be effectively subordinated to claims of third party creditors, including holders of indebtedness, of these subsidiaries. Claims of those other creditors, including trade creditors, secured creditors, governmental authorities, and holders of indebtedness or guarantees issued by the subsidiaries, will generally have priority as to the assets of our subsidiaries over claims by the holders of the notes. As a result, rights of payment of holders of our indebtedness, including the holders of the notes, will be effectively subordinated to all those claims of creditors of our subsidiaries.

In addition, holders of the existing and future secured indebtedness of Energy Transfer Partners, L.P. would have claims with respect to assets constituting collateral for such indebtedness that are prior to your claims under the notes. Energy Transfer Partners, L.P. (without its subsidiaries) does not currently have any secured indebtedness, but may have future secured indebtedness. In the event of a default on any secured indebtedness or our bankruptcy, liquidation or reorganization, our assets would be available to satisfy obligations with respect to the indebtedness secured thereby before any payment could be made on the notes. Accordingly, any such secured indebtedness would effectively be senior to the notes to the extent of the value of the collateral securing the indebtedness. While the indenture governing the notes places some limitations on our ability to create liens, there are significant exceptions to these limitations, including with respect to sale and leaseback transactions, that will allow us to secure some kinds of indebtedness without equally and ratably securing the notes. To the extent the value of the collateral is not sufficient to satisfy the secured indebtedness, the holders of that indebtedness would be entitled to share with the holders of the notes and the holders of other claims against us with respect to our other assets.

We do not have the same flexibility as other types of organizations to accumulate cash, which may limit cash available to service the notes or to repay them at maturity.

Unlike a corporation, our partnership agreement requires us to distribute, on a quarterly basis, 100% of our available cash to our unitholders of record and our general partner. Available cash is generally all of

S-9

Table of Contents

our cash on hand as of the end of a quarter, adjusted for cash distributions and net changes to reserves. Our general partner will determine the amount and timing of such distributions and has broad discretion to establish and make additions to our reserves or the reserves of our operating subsidiaries in amounts it determines in its reasonable discretion to be necessary or appropriate:

to provide for the proper conduct of our business and the businesses of our operating subsidiaries (including reserves for future capital expenditures and for our anticipated future credit needs);

to provide funds for distributions to our unitholders and our general partner for any one or more of the next four calendar quarters; or

to comply with applicable law or any of our loan or other agreements.

Although our payment obligations to our unitholders are subordinate to our payment obligations to you, the value of our units may decrease with decreases in the amount we distribute per unit. Accordingly, if we experience a liquidity problem in the future, the value of our units may decrease and we may not be able to issue equity to recapitalize.

Your ability to transfer the notes at a time or price you desire may be limited by the absence of an active trading market, which may not develop.

The notes are a new issue of securities for which there is no established public market. Although we have registered the offer and sale of the notes under the Securities Act of 1933, we do not intend to apply for the listing of the notes on any securities exchange or for the quotation of the notes in any automated dealer quotation system. In addition, although the underwriters have informed us that they intend to make a market in the notes, as permitted by applicable laws and regulations, they are not obligated to make a market in the notes, and they may discontinue their market making activities at any time without notice. An active market for the notes may not develop or, if developed, may not continue. In the absence of an active trading market, you may not be able to transfer the notes within the time or at the price you desire.

Risks Related to Our Business

The FERC is pursuing legal action against us relating to certain natural gas trading and transportation activities, and related third party actions have been filed against us and ETE.

On July 26, 2007, the FERC issued to us an Order to Show Cause and Notice of Proposed Penalties (the Order and Notice) that contains allegations that we violated FERC rules and regulations. The FERC has alleged that we engaged in manipulative or improper trading activities in the Houston Ship Channel, primarily on two dates during the fall of 2005 following the occurrence of Hurricanes Katrina and Rita, as well as on eight other dates from December 2003 through August 2005, in order to benefit financially from our commodities derivatives positions and from certain of our index-priced physical gas purchases in the Houston Ship Channel. The FERC has alleged that during these periods we violated the FERC s then-effective Market Behavior Rule 2, an anti-market manipulation rule promulgated by the FERC under authority of the Natural Gas Act (NGA). We allegedly violated this rule by artificially suppressing prices that were included in the Platts *Inside FERC* Houston Ship Channel index, published by McGraw-Hill Companies, on which the pricing of many physical natural gas contracts and financial derivatives are based. Additionally, the FERC has alleged that we manipulated daily prices at the Waha Hub and the Katy Hub near Houston, Texas. Our Oasis pipeline transports interstate natural gas pursuant to Natural Gas Policy Act (NGPA) Section 311 authority and is subject to the FERC-approved rates, terms and conditions of service. The allegations related to the Oasis pipeline include claims that the Oasis pipeline violated NGPA regulations from January 26, 2004 through June 30, 2006 by granting undue preference to its affiliates for interstate NGPA Section 311 pipeline service to the detriment of

similarly situated non-affiliated shippers and by charging in excess of the FERC-approved maximum lawful rate for interstate NGPA Section 311 transportation. The FERC also seeks to revoke, for a period of 12 months, our blanket marketing authority for sales of natural gas in interstate commerce at negotiated rates, which activity is expected to account for approximately 1.0% of our operating income for our 2008 calendar year. If the FERC is successful in

S-10

Table of Contents

revoking our blanket marketing authority, our sales of natural gas at market-based rates would be limited to sales of natural gas to retail customers (such as utilities and other end users) and sales from our own production, and any other sales of natural gas by us would be required to be made at prices that would be subject to FERC approval.

In its Order and Notice, the FERC specified that it was seeking \$70.1 million in disgorgement of profits, plus interest, and \$97.5 million in civil penalties relating to these matters. The FERC has taken the position that, once it receives our response, it has several options as to how to proceed, including issuing an order on the merits, requesting briefs, or setting specified issues for a trial-type hearing before an administrative law judge. On August 27, 2007, ETP filed a request for rehearing of the Order and Notice. On December 20, 2007, the FERC issued an order denying rehearing and directed FERC Staff to file a brief recommending disposition of issues by order or by evidentiary hearing. ETP filed its response to the Order and Notice with the FERC on October 9, 2007, which response refuted the FERC s claims and requested a dismissal of the FERC proceeding. On February 14, 2008, the Enforcement Staff of the FERC filed a brief recommending that the FERC refer various matters relating to its market manipulation allegations for an evidentiary hearing before a FERC administrative law judge. The Enforcement Staff also recommended that FERC issue an order assessing the \$15.5 million portion of the above-referenced penalty against ETP with respect to the allegations related to ETP s Oasis Pipeline and that the Oasis-related penalty assessment, if not paid, then be referred by the FERC to a federal district court for de novo review. The Enforcement Staff also recommended that FERC impose certain changes in Oasis s business operations and refunds to certain Oasis customers as previously proposed in the Order and Notice. Finally, the Enforcement Staff recommended that the FERC pursue market manipulation claims related to ETP s trading activities in October 2005, for November 2005 monthly deliveries, a period not previously covered by FERC s allegations in the Order and Notice, and that ETP be assessed an additional civil penalty of \$25.0 million and be required to disgorge approximately \$7.3 million alleged of unjust profits related to this additional month. If the claims related to this additional month are pursued by the FERC, the total amount of civil penalties and disgorgement of profits sought by the FERC would be approximately \$200 million. ETP will respond to the Enforcement Staff s brief by March 31, 2008. The FERC has not yet taken any action related to these recommendations of the Enforcement Staff.

It is our position that our trading and transportation activities during the periods at issue complied in all material aspects with applicable law and regulations, and we intend to contest these cases vigorously. However, the laws and regulations related to alleged market manipulation are vague, subject to broad interpretation, and offer little guiding precedent, while at the same time the FERC holds substantial enforcement authority. At this time, we are unable to predict the final outcome of these matters.

On July 26, 2007, the United States Commodity Futures Trading Commission (the CFTC) filed suit in United States District Court for the Northern District of Texas alleging that we violated provisions of the Commodity Exchange Act by attempting to manipulate natural gas prices in the Houston Ship Channel. On March 17, 2008, this suit was settled after we entered into a consent order with the CFTC (the Consent Order). Pursuant to the Consent Order, we agreed to pay the CFTC \$10.0 million and the CFTC agreed to release us and our affiliates, directors and employees from all claims or causes of action asserted by the CFTC in this proceeding. The Consent Order provides that we are permanently enjoined from attempting to manipulate the price of any commodity in interstate commerce in violation of the Commodity Exchange Act. By consenting to the entry of the Consent Order, we neither admitted nor denied the allegations made by the CFTC in this proceeding. The settlement will reduce our existing accrual and be paid from cash flow from operations.

In addition to the FERC legal action, third parties have asserted claims and may assert additional claims against us and ETE for damages related to these matters. In this regard, several natural gas producers and a natural gas marketing company have initiated legal proceedings in Texas state courts against us and ETE for claims related to the FERC claims. These suits contain contract and tort claims relating to alleged manipulation of natural gas prices at the Houston Ship Channel and the Waha Hub in West Texas, as well as the natural gas price indices related to these

markets and the Permian Basin natural gas price index during the period from December 2003 through December 2006, and seek unspecified

S-11

Table of Contents

direct, indirect, consequential and exemplary damages. One of the suits against us and ETE contains an additional allegation that the defendants transported gas in a manner that favored their affiliates and discriminated against the plaintiff, and otherwise artificially affected the market price of gas to other parties in the market. We have also been served with a complaint from an owner of royalty interests in natural gas producing properties, individually and on behalf of a putative class of similarly situated royalty owners, working interest owners and producer/operators, seeking arbitration to recover damages based on alleged manipulation of natural gas prices at the Houston Ship Channel.

A consolidated class action complaint has been filed against us in the United States District Court for the Southern District of Texas. This action alleges that we engaged in intentional and unlawful manipulation of the price of natural gas futures and options contracts on the New York Mercantile Exchange, or NYMEX, in violation of the Commodity Exchange Act (CEA). It is further alleged that during the class period December 29, 2003 to December 31, 2005, we had the market power to manipulate index prices, and that we used this market power to artificially depress the index prices at major natural gas trading hubs, including the Houston Ship Channel, in order to benefit our natural gas physical and financial trading positions and intentionally submitted price and volume trade information to trade publications. This complaint also alleges that we also violated the CEA because we knowingly aided and abetted violations of the CEA. The plaintiffs state that this allegedly unlawful depression of index prices by us manipulated the NYMEX prices for natural gas futures and options contracts to artificial levels during the class period, causing unspecified damages to plaintiffs and all other members of the putative class who purchased and/or sold natural gas futures and options contracts on NYMEX during the class period. The class action complaint consolidated two class actions which were pending against us. Following the consolidation order, the plaintiffs who had filed these two earlier class actions filed the consolidated complaint. The plaintiffs have requested certification of their suit as a class action and seek unspecified damages, court costs and other appropriate relief. On January 14, 2008, we filed a motion to dismiss this suit on the grounds of failure to allege facts sufficient to state a claim. In response, the plaintiffs filed, on March 20, 2008, an amended consolidated class action complaint acknowledging the Consent Order and realleging their original complaint in an attempt to state a claim.

On March 17, 2008, a second class action complaint was filed against us in the United States District Court for the Southern District of Texas. This action alleges that we engaged in unlawful restraint of trade and intentional monopolization and attempted monopolization of the market for fixed-price natural gas baseload transactions at the Houston Ship Channel from December 2003 through December 2005 in violation of federal antitrust law. The complaint further alleges that during this period we exerted monopoly power to suppress the price for these transactions to non-competitive levels in order to benefit our own physical natural gas positions. The plaintiff has, individually and on behalf of all other similarly situated sellers of physical natural gas, requested certification of its suit as a class action and seeks unspecified treble damages, court costs and other appropriate relief.

We are expensing the legal fees, consultants—fees and related expenses relating to these matters in the periods in which such expenses are incurred. In addition, our existing accruals for litigation and contingencies include an accrual related to these matters. At this time, we are unable to predict the outcome of these matters; however, it is possible that the amount we become obliged to pay as a result of the final resolution of these matters, whether on a negotiated settlement basis or otherwise, will exceed the amount of our existing accrual related to these matters. In accordance with applicable accounting standards, we will review the amount of our accrual related to these matters as developments related to these matters occur and we will adjust our accrual if we determine that it is probable that the amount we may ultimately become obliged to pay as a result of the final resolution of these matters is greater than the amount of our existing accrual for these matters. As our accrual amounts are non-cash, any cash payment of an amount in resolution of these matters would likely be made from cash from operations or borrowings, which payments would reduce our cash available for distributions either directly or as a result of increased principal and interest payments necessary to service any borrowings incurred to finance such payments. If these payments are substantial, we may experience a material adverse impact on our results of operations, cash available for distribution and our

S-12

Table of Contents

Our business involves hazardous substances and may be adversely affected by environmental regulation.

Our natural gas as well as our propane operations are subject to stringent federal, state and local environmental laws and regulations governing the discharge of materials into the environment or otherwise relating to environmental protection. We may incur substantial environmental costs and liabilities in connection with discharges or releases of petroleum hydrocarbons or wastes on, under, or from our properties and facilities. For instance, through December 31, 2007, the total accrued future estimated cost of remediation activities relating to our Transwestern Pipeline operations is approximately \$14.3 million, which activities are expected to continue for several years. Failure to comply with these laws and regulations may result in the assessment of administrative, civil and criminal penalties.

In addition, the federal Department of Homeland Security Appropriations Act of 2007 required the Department of Homeland Security, or DHS, to issue regulations establishing risk-based performance standards for the security of chemical and industrial facilities, including oil and gas facilities that are deemed to present high levels of security risk. The DHS issued an interim final rule in April 2007 regarding risk-based performance standards to be attained pursuant to the act and, on November 20, 2007, further issued an Appendix A to the interim rule that established chemicals of interest and their respective threshold quantities that will trigger compliance with the interim rule. Facilities possessing greater than threshold levels of these chemicals of interest were required to prepare and submit to the DHS in Januar