



2017 MLP Investor Conference

Orlando, FL

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BUCKEYE PARTNERS, L.P.

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This presentation contains “forward-looking statements” that we believe to be reasonable as of the date of this presentation. These statements, which include any statement that does not relate strictly to historical facts, use terms such as “anticipate,” “assume,” “believe,” “estimate,” “expect,” “forecast,” “intend,” “plan,” “position,” “potential,” “predict,” “project,” or “strategy” or the negative connotation or other variations of such terms or other similar terminology. In particular, statements, expressed or implied, regarding future results of operations or ability to generate sales, income or cash flow, to make acquisitions, or to make distributions to unitholders are forward-looking statements. These forward-looking statements are based on management’s current plans, expectations, estimates, assumptions and beliefs concerning future events impacting Buckeye Partners, L.P. (the “Partnership”, “Buckeye” or “BPL”) and therefore involve a number of risks and uncertainties, many of which are beyond management’s control. Although the Partnership believes that its expectations stated in this presentation are based on reasonable assumptions, actual results may differ materially from those expressed or implied in the forward-looking statements. The factors listed in the “Risk Factors” sections of, as well as any other cautionary language in, the Partnership’s public filings with the Securities and Exchange Commission, provide examples of risks, uncertainties and events that may cause the Partnership’s actual results to differ materially from the expectations it describes in its forward-looking statements. Each forward-looking statement speaks only as of the date of this presentation, and the Partnership undertakes no obligation to update or revise any forward-looking statement.



ORGANIZATIONAL OVERVIEW



Buckeye owns and operates a diversified network of integrated assets providing midstream logistic solutions, which generate stable and consistent cash flows

Domestic Pipelines & Terminals

One of the largest independent liquid petroleum products pipeline and terminal operators with assets located primarily in the Northeast, Midwest and Southeast United States

- ~6,000 miles of pipeline with ~110 delivery locations
- 115 active liquid petroleum product terminals
- ~56 million barrels of liquid petroleum product storage capacity

Global Marine Terminals

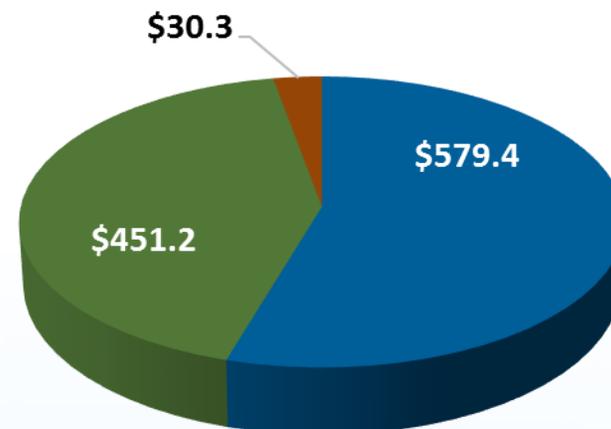
One of the largest networks of marine terminals located primarily in the East and Gulf Coast regions of the United States and the Caribbean

- Seven liquid petroleum product terminals
- ~62 million barrels of liquid petroleum product storage capacity
- 50% equity interest in VTTI B.V., which owns and operates 15⁽³⁾ terminals located in key global energy hubs

Merchant Services

Markets liquid petroleum products in areas served by Domestic Pipelines & Terminals and Global Marine Terminals

2017 LTM Adjusted EBITDA⁽¹⁾ - \$1.1 billion



Market and Financial Highlights

Market Data⁽²⁾

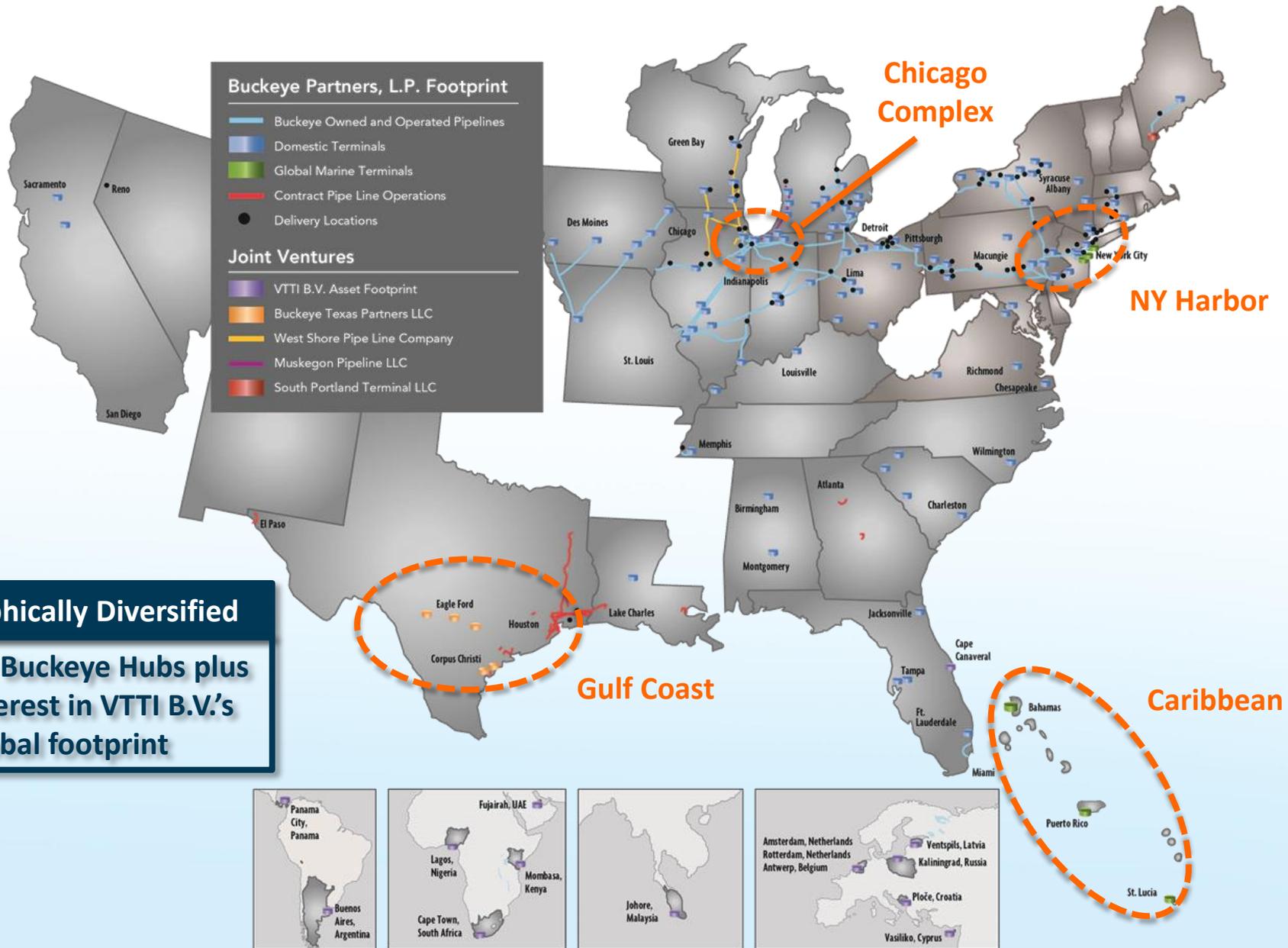
Unit Price	\$66.07
Market Capitalization	\$9.3 billion
Yield	7.6%

Financial Data⁽¹⁾

Adjusted EBITDA	\$1.1 billion
Distribution per Unit (Annualized)	\$5.00
Distribution Coverage Ratio	1.08x
Debt to Adjusted EBITDA Ratio	4.54x



SYSTEM MAP



Geographically Diversified
Four key Buckeye Hubs plus
50% interest in VTTI B.V.'s
global footprint

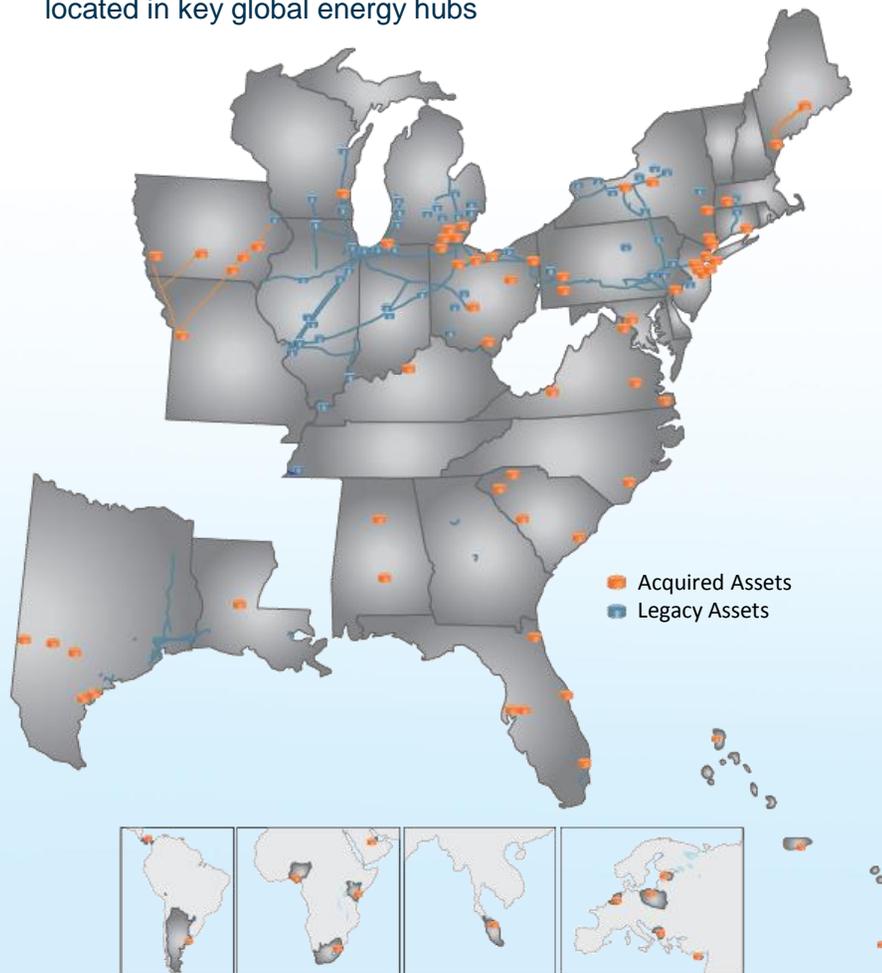


TRANSFORMATION SINCE 2010

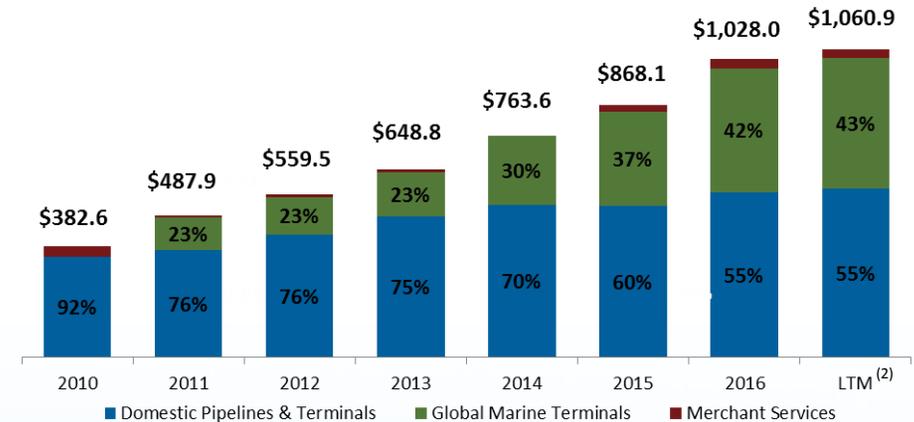


Significant Geographic Diversification From Acquisitions

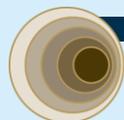
- Acquired over 75 domestic and international terminals with over 130 million bbls of storage capacity
- Created four hubs through acquisitions and commercial efforts
- Recently acquired 50% equity interest in VTTI B.V. with assets located in key global energy hubs



Global Marine Terminals Segment Provides Significant Diversification in Adjusted EBITDA⁽¹⁾



Invested over \$8 Billion in Acquisitions and Internal Growth

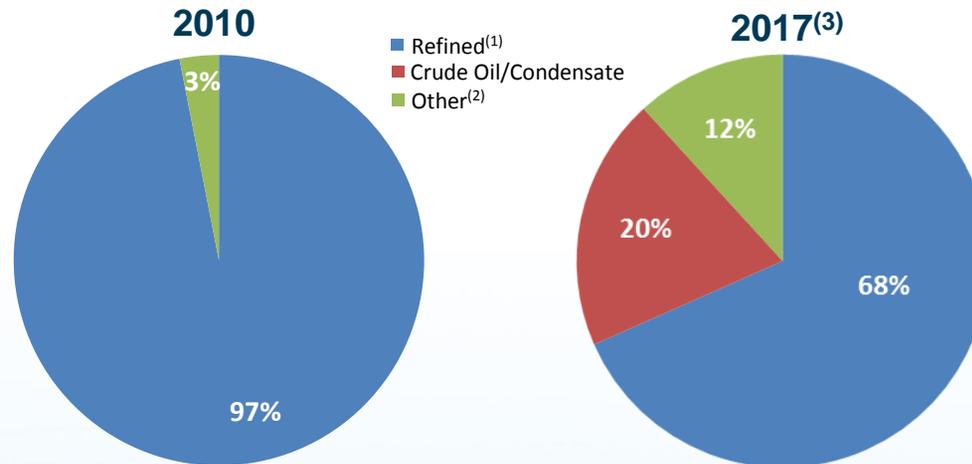


DIVERSIFICATION DRIVES STABILITY



*Diversified portfolio generates stable, fee-based cash flows;
96% of our March 31 YTD Adjusted EBITDA was fee-based*

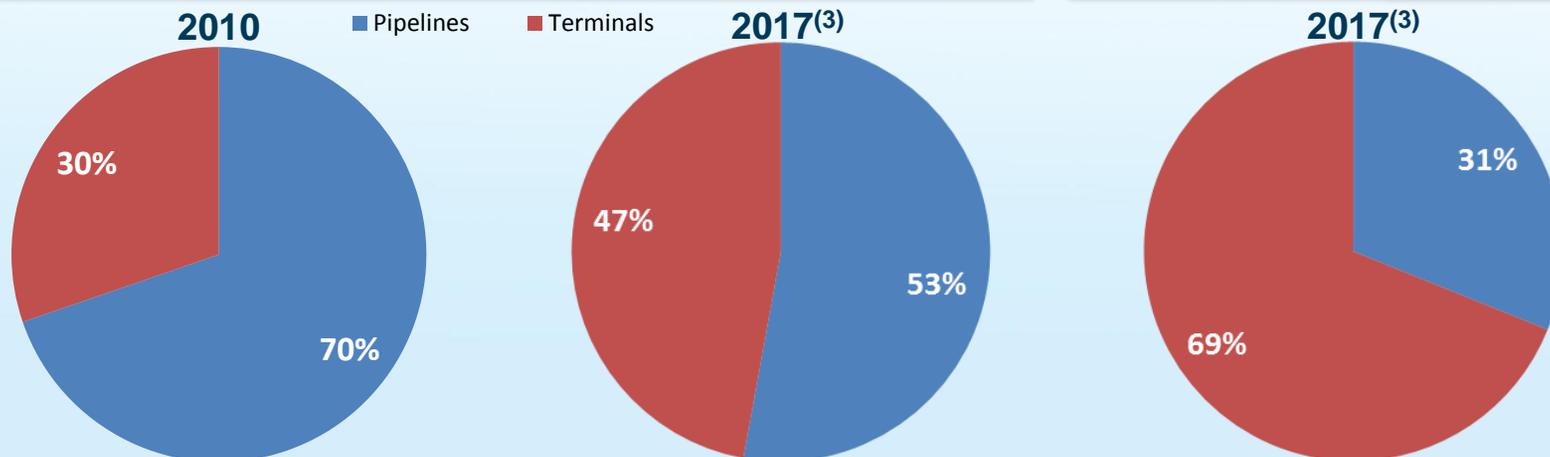
PRODUCT DIVERSIFICATION



GROWTH OF TERMINALS REVENUE

AS % OF DOMESTIC P&T

AS % OF TOTAL P&T/GMT⁽⁴⁾



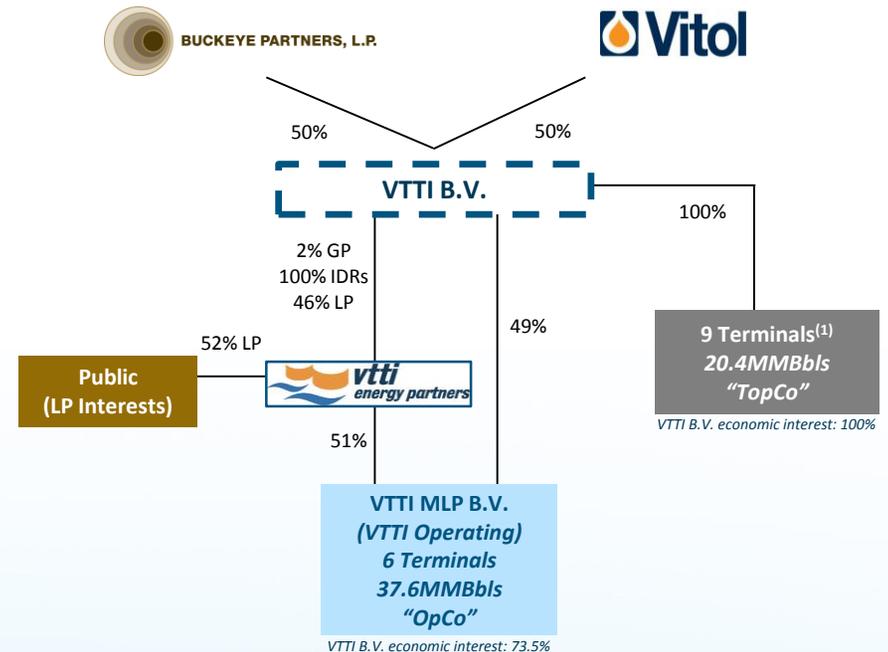
VTTI B.V. ACQUISITION OVERVIEW



Transaction Overview

- Buckeye has acquired 50% of the equity interest in VTTI B.V. (“VTTI”) from Vitol for \$1.15 billion
- VTTI, based in the Netherlands, is an independent provider of storage and terminalling services for refined products, LPG and crude oil
- Focused on international terminal investments in key global energy hubs and in locations where product flows are increasing
- 100% of VTTI revenue is fee-based with no direct commodity price exposure
- Not dependent on absolute oil price levels or drilling economics to support growth

Transaction Structure



VTTI Highlights

- Robust growth trajectory with development projects underway including recent acquisitions in Panama and Croatia as well as expansions in Rotterdam and Antwerp
- No tax impact anticipated on repatriation of cash flows to Buckeye
- Coastal assets with deepwater draft at international hub locations
- Easy and proximate access to demand markets and supply centers
- High level of customer service, with a focus on providing tailor-made solutions
- Strong environmental and safety track record with safety-oriented operational philosophy and culture



VTTI B.V. STRATEGIC RATIONALE



International Marine Terminal Platform

- Immediate world-wide presence with sizeable assets in key global hubs (ARA⁽¹⁾, Singapore, Middle East)
- High quality assets consisting of retrofitted terminals and newly constructed facilities, all designed with a focus on customer optionality
- Hard to replicate global network with multimodal access (marine, road, pipeline, rail)
- Talented existing management, commercial, operational and regulatory personnel in place at VTTI offer an effective entry into the international terminalling space

High Growth Business

- Track-record of successful greenfield development and acquisitions across the globe, having developed in excess of 34MMBbls⁽²⁾ of new storage capacity and integrated over 17MMBbls of storage capacity through acquisitions across five continents since 2006
- A deeper pool of M&A and greenfield development opportunities exists internationally, as emerging economies drive growing international refined products demand
- Currently evaluating new projects at attractive multiples

Vitol Partnership

- Vitol drives substantial business through VTTI and, as 50% partner, is expected to continue supporting development of new opportunities and commercial use of the existing asset base⁽³⁾
- A partnership with Vitol, the largest international trader of petroleum products, provides unique insight and visibility towards current and future product flows and growth opportunities

Financially Attractive Investment

- Immediate accretion to distributable cash flow growing over time
- Anticipated long-term acquisition multiple below 10x⁽⁴⁾
- Diversified, stable cash flows underpinned by global refined products flows
- Average utilization of ~97% over past 4 years
- No direct commodity price exposure

VTTI B.V. MERGER BUYOUT OF MLP PUBLIC UNITHOLDERS



- In March 2017, VTTI B.V. announced a proposal to acquire all of the publicly held common units of VTTI Energy Partners LP
 - Entered into a definitive merger agreement on May 8, 2017 to acquire the units at a price of \$19.50 per common unit
 - Transaction is expected to close in Q3 2017, subject to certain closing conditions
- Buckeye expects to finance its portion of the transaction (approximately \$240 million) with 50% equity and 50% debt, utilizing available capacity on the revolver and existing ATM facility
- The buyout is expected to simplify VTTI's structure as well as enhance accretion to Buckeye



VTTI Energy Partners LP Announces Agreement for VTTI B.V. to Acquire All Publicly Held Common Units of the Partnership

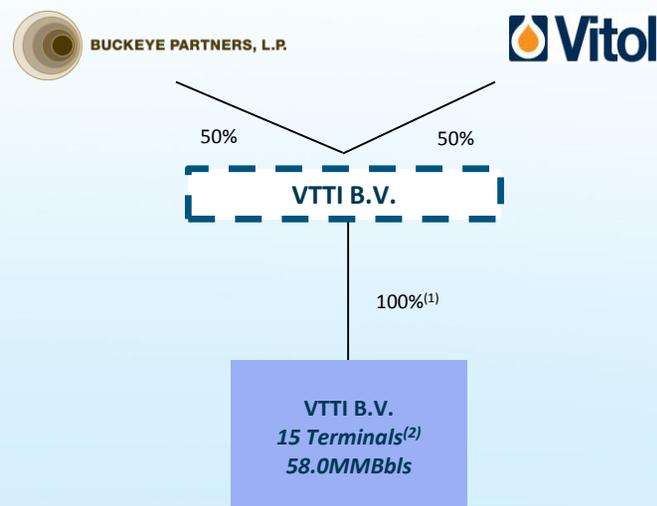
LONDON – May 8, 2017 – VTTI Energy Partners LP (NYSE: VTTI) (the "Partnership") announced today that it has entered into a definitive merger agreement with VTTI B.V. ("VTTI") pursuant to which VTTI will acquire, for cash, all of the outstanding publicly held common units of the Partnership, at a price of US\$19.50 per common unit...



VTTI B.V. Makes Offer to Acquire All Publicly Held Common Units of VTTI Energy Partners LP

ROTTERDAM – March 2, 2017 – VTTI B.V. ("VTTI") today announced that it has submitted a proposal to the board of directors of the general partner of VTTI Energy Partners LP (NYSE: VTTI) (the "Partnership") to acquire through a wholly owned subsidiary all publicly held common units of the Partnership...

Post-Transaction Structure



(1) Not reflecting noncontrolling interest.

(2) Includes Cape Town, South Africa (0.8MMBbls), which is expected to be placed into service Q2 2017.

VTTI ASSET FOOTPRINT



Terminal Location & Capacity Summary

Region / Location	Ownership Interest	Gross Capacity (MMBbls)
OpCo (VTTI MLP B.V.)		
Europe / Amsterdam	100%	8.7
Europe / Rotterdam	90%	7.0
Europe / Antwerp	100%	6.1
Middle East / Fujairah	90%	7.4
Asia / Malaysia	100%	5.6
North America / Florida	100%	2.9
OpCo		37.6
TopCo (VTTI)		
Europe / Latvia	49%	7.5
Europe / Cyprus	100%	3.4
Europe / Russia	100%	0.3
Europe / Croatia ⁽¹⁾	70%	0.3
South America / Argentina	100%	1.4
Central America / Panama ⁽²⁾	75%	1.4
Africa / Kenya	100%	0.7
Africa / Nigeria	50%	0.1
Asia / Malaysia expansion	100%	1.7
Middle East / Fujairah expansion	90%	2.7
Africa / South Africa (in service 2017)	70%	0.8
TopCo		20.4
Total VTTI		58.0



< 5 MMBbls
 20 MMBbls

VTTI Locations

VTTI provides Buckeye diversification into the eastern and southern hemispheres and creates a comprehensive international marine terminal platform with terminals in key global hubs



(1) Acquisition of Ploce, Croatia terminal by VTTI B.V. closed January 25, 2017.
 (2) Acquisition of Panama City, Panama terminal by VTTI B.V. announced January 25, 2017.

RECENT DEVELOPMENTS AND QUARTERLY HIGHLIGHTS



Buckeye reported last twelve months distribution coverage of 1.08x⁽¹⁾

Domestic Pipelines & Terminals

- Strong contributions from growth capital investments which increased pipeline transportation volumes as well as storage revenues
- Benefitted from continued ramp-up of revenue from phase 1 of the Michigan/Ohio project

Global Marine Terminals

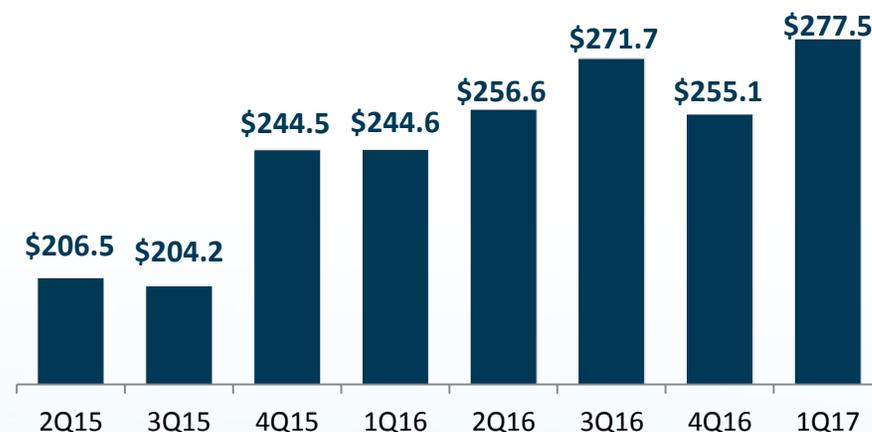
- First full quarter contribution from recent acquisition of 50% equity interest in VTTI
- Strong utilization and favorable rates; boasting 99% utilization of available storage capacity

Merchant Services

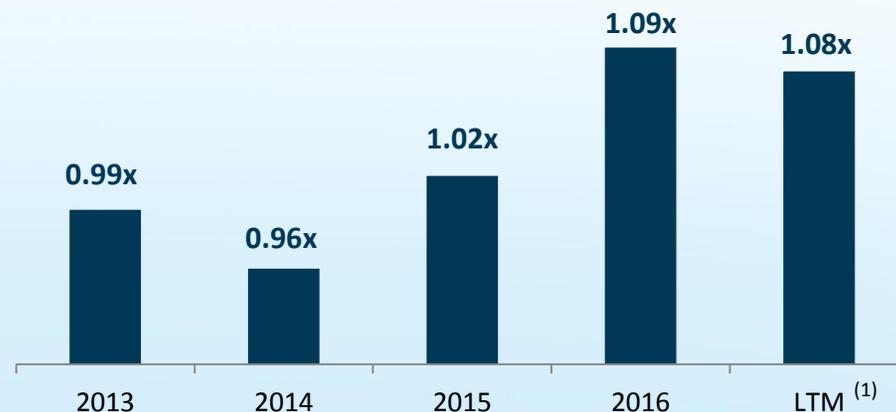
- Lower rack margins as a result of warm weather and higher-than-normal inventory levels
- Continued benefit from disciplined business strategy to improve supply management and optimize assets

Demonstrated continued success of diversification strategy and quality of Buckeye commercial, technical and operating teams

Quarterly Adjusted EBITDA Growth⁽²⁾



Distribution Coverage Improvement⁽²⁾



(1) Last twelve months through March 31, 2017. See Non-GAAP Reconciliations at end of presentation.
 (2) See Non-GAAP Reconciliations at end of presentation.



LOOKING FORWARD



Expect to maintain quarterly distribution growth of \$0.0125 per quarter through 2017

Buckeye has limited commodity exposure

- Exposure to commodity prices, primarily related to settlement and butane blending, represents less than five percent of Adjusted EBITDA

Domestic system is primarily demand-pull, limiting impact of supply disruptions

Consistent and predictable fee-based cash flows across consolidated asset platform

Strong demand for storage assets across our system

- High utilization of available capacity in GMT segment
- Strong demand for product storage across domestic assets

Limited counterparty non-performance risk

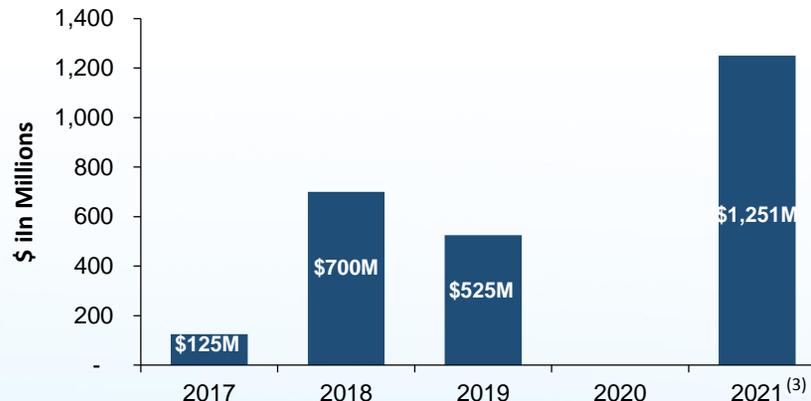
- Stable utilization by generally credit-worthy counterparties
- Lien rights on storage inventory
- Credit enhancements, such as letters of credit, collateral, lien rights, and/or prepayments, utilized as necessary

Strong balance sheet with sufficient liquidity to fund capital needs without accessing capital markets

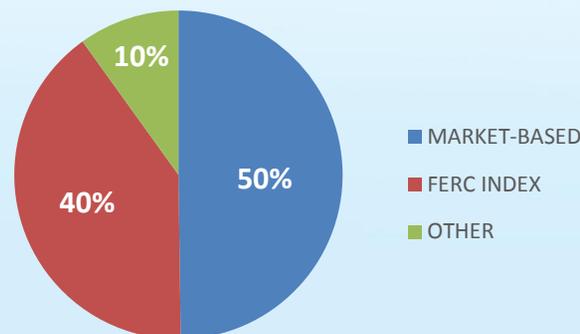
Annual growth capital spend of approximately \$295-345 million

- Available liquidity on revolver⁽¹⁾ \$900 million
- Debt to adjusted EBITDA ratio⁽²⁾ 4.5x

Debt maturities over next 5 years

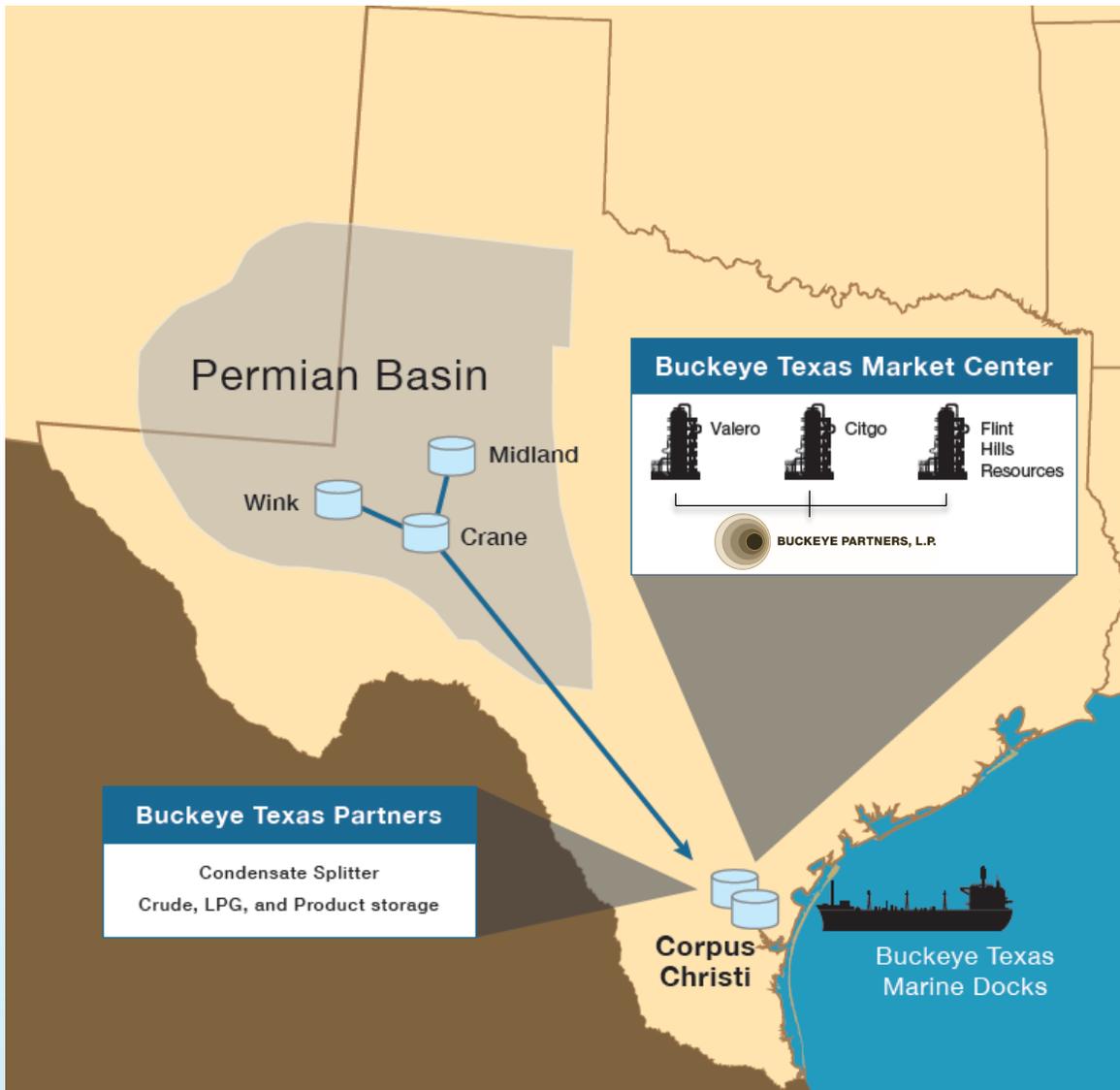


Market-based tariffs represent significant portion of pipeline revenue



GROWTH CAPITAL PROJECTS

DEVELOPMENT OF SOUTH TEXAS GATEWAY DISTRIBUTION CAPABILITIES



- Preparing for open season in connection with construction of a ~600-mile long-haul pipeline with origination points in Wink, Midland and Crane, Texas to Buckeye Texas Partners (“BTP”) facilities in Corpus Christi
 - Total expected capacity of up to 400,000 barrels per day
 - Construction of a crude oil pipeline header system in Corpus Christi, (the “Buckeye Texas Market Center” or “BTMC”), providing fully integrated connectivity between long-haul pipelines and Corpus Christi destinations, including major refineries
 - Distribution system expected to have 120,000 bpd base throughput capacity
 - System would provide additional shipping destinations to customers and allow for refineries to access alternate sources of supply
 - Adding a fifth deep-water dock at the BTP facilities, capable of high-rate loading Suezmax-sized vessels, which would complement existing export and import capabilities
 - Expanding the storage capabilities at BTP facilities to provide dedicated storage to shippers on South Texas Gateway Pipeline
- Additional Permian Opportunity**
- Evaluating a long-haul natural gas liquid (NGL) pipeline offering Permian Basin producers and processors a comprehensive system solution for NGL takeaway to BTP’s existing export facilities in Corpus Christi



GROWTH CAPITAL PROJECTS

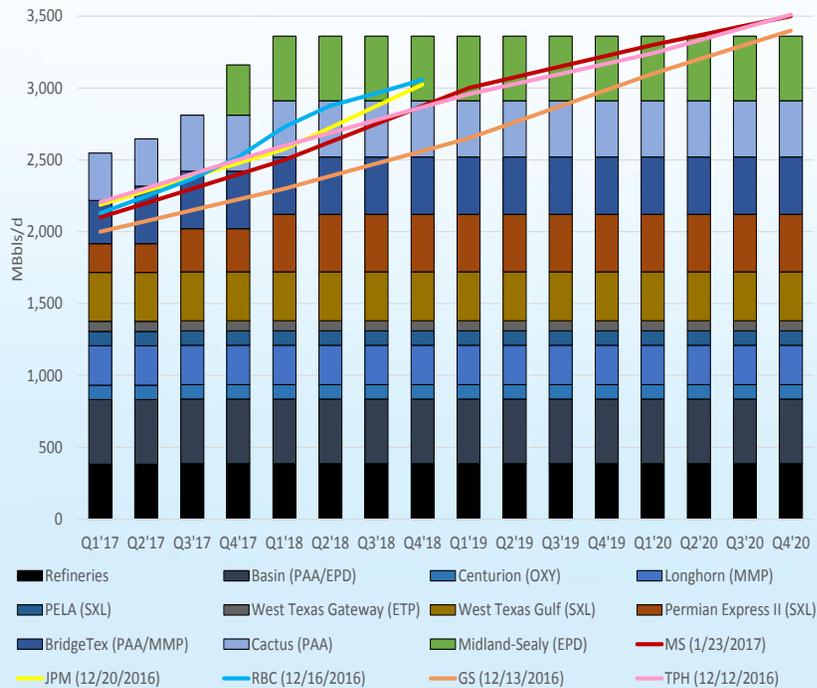
SOUTH TEXAS GATEWAY STRATEGIC RATIONALE



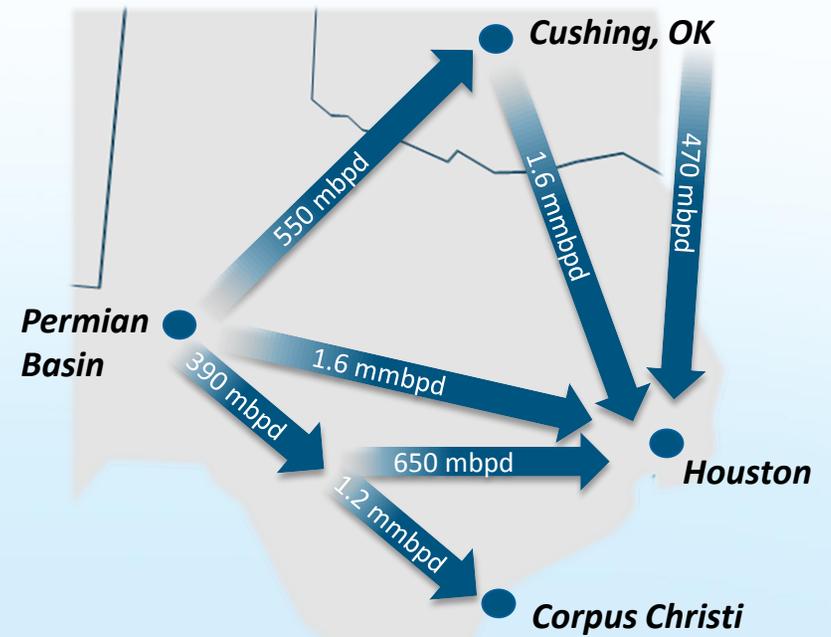
- Permian Basin is one of the most prolific oil producing areas in the world
 - Takeaway capacity from this basin is expected to be constrained as early as 2020
- Existing pipeline infrastructure largely targets the Houston market and is creating additional bottlenecks
- Corpus Christi represents a more efficient path to market and a compelling alternative to the Houston/Beaumont area refining and terminal complex

Buckeye's South Texas Gateway logistics solution enables direct access for Permian Basin production to Corpus Christi area refineries and global markets

Permian Crude Supply/Demand Balance



Permian Basin Takeaway by Destination



GROWTH CAPITAL PROJECTS

MICHIGAN/OHIO EXPANSION



Michigan/Ohio Expansion – Phase One

- Mechanical completion accomplished in Q3 2016; ramping up service and expect the full earnings contribution to be reached early in 2017
- Secured 10-yr shipper commitments from major oil companies totaling 50,500 barrels per day

Michigan/Ohio Expansion – Phase Two

- Further expand Buckeye's capabilities to move refined product barrels from Midwestern refineries to Pittsburgh and Central Pennsylvania destinations to satisfy shipper demand
- Includes partial reversal of Buckeye's Laurel Pipeline to move product from Pittsburgh into Central Pennsylvania
 - Delivery capacity of petroleum products to Pittsburgh area destination and to the Altoona area will increase by a total of approximately 40,000 barrels per day
- Recently announced a successful open season with 10-year shipper commitments
- Expected completion by the end of 2018

Michigan/Ohio Expansion Benefits

- Midwest refineries have been steadily increasing production of lower-cost gasoline and diesel
- Provides safe and reliable pipeline option for Midwestern refiners to move lower-cost fuels eastward to meet consumer demand
- Increases Pennsylvania's access to domestically produced fuels decreasing dependence on costly imports
- Provides Pennsylvania consumers with access to Midwestern supply, historically less expensive than product sourced from the East Coast



Pipeline construction for Michigan/Ohio Expansion



GROWTH CAPITAL PROJECTS



DOMESTIC PIPELINES & TERMINALS

- Expansion of Jacksonville, FL terminal to increase throughput capacity and provide ethanol by rail capabilities
- Further expand storage, throughput capacity and service capabilities in the Chicago Complex to support growing needs of major Midwestern refinery customers
- Increasing ethanol and butane blending capabilities at the Southeast terminals
- Expanding and creating an integrated Pittsburgh Complex between our Pittsburgh, Coraopolis and recently acquired Indianola terminal
- Reconfiguring the Albany, NY terminal to support a refined products rail and truck rack business
- Expanding Cincinnati terminal to facilitate access to pipeline-sourced products
- Assessing opportunities for LPG storage across Buckeye's footprint

GLOBAL MARINE TERMINALS

New York Harbor

- Further enhance competitive position by improving the facilities' interconnectivity, marine handling, blending and pipeline takeaway capabilities along with incremental storage capacity
- Multiple storage, distribution, processing and export projects under evaluation to support long-term growth

Caribbean

- Butane blending services and onshore storage at Buckeye Bahamas Hub
- Projects to further capability to handle specialty crude products

VTTI

- VTTI is progressing with assessments of various acquisition and expansion options in the Americas, Europe, and Asia

Corpus Christi

- Projects under assessment to optimize splitter performance

***Over \$2 billion pipeline of potential future projects under assessment, including growth capital and acquisitions
Anticipated to generate long-term value for our unitholders***



INVESTMENT SUMMARY



Diverse portfolio of assets built through acquisitions and internal investment that deliver stable financial results despite volatile and depressed commodity price environment

- Predominantly fee-based cash flows from our transportation, terminal throughput, storage and processing activities
- Significant geographic and product diversity, including access to international logistics opportunities, broader product service capabilities and significant near-term growth projects
- Recent acquisition of 50% equity interest in VTTI establishes immediate worldwide presence in one of the largest independent global marine terminal businesses with attractive growth profile
- Lower cost of capital realized from elimination of GP IDRs
 - Important differentiation from many MLP peers
- Strong balance sheet supporting investment grade credit rating
- Exposure to counterparty non-performance is limited
- Empowered, commercially focused and team-oriented employees accountable and incentivized to deliver results
- Uninterrupted distributions to our unitholders each quarter for the past 30 years
- Expect to maintain consistent quarterly distribution growth



Buckeye Bayonne Terminal



Buckeye Texas Partners condensate splitters





FINANCIAL OVERVIEW

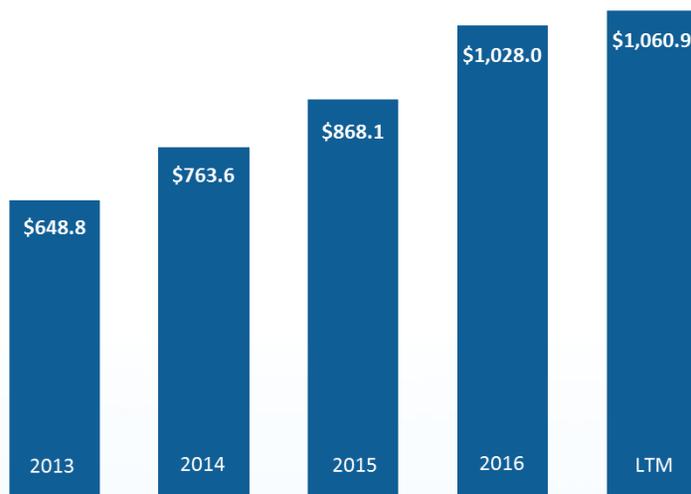


BUCKEYE PARTNERS, L.P.

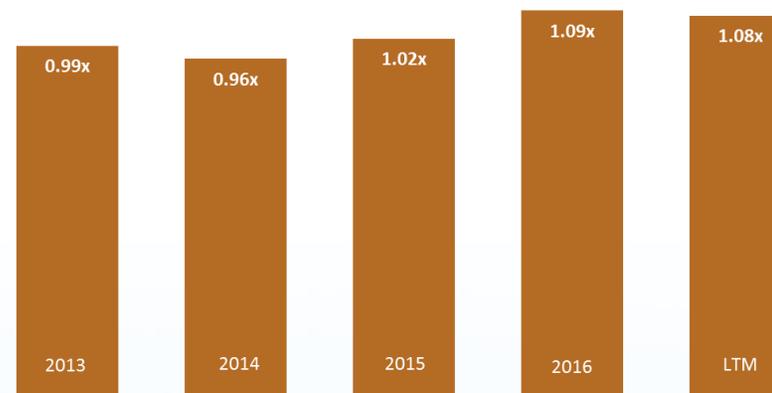
FINANCIAL PERFORMANCE



Adjusted EBITDA (in millions)⁽¹⁾⁽²⁾



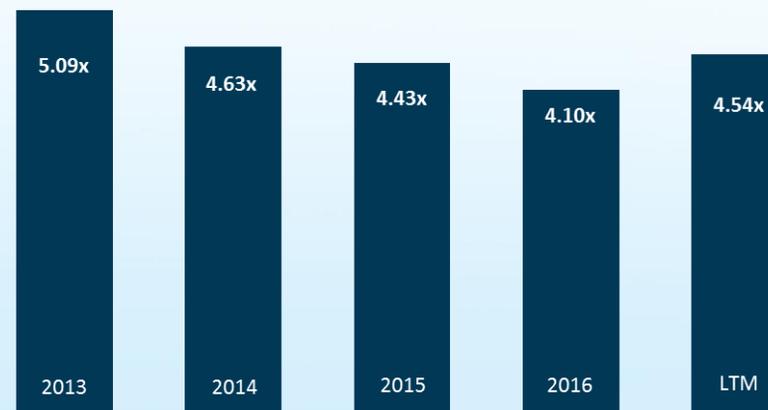
Cash Distribution Coverage Ratio⁽¹⁾⁽²⁾⁽³⁾



Cash Distributions per Unit – Declared⁽²⁾



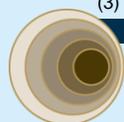
Debt to Adjusted EBITDA Ratio⁽²⁾



(1) 2013 and 2014 amounts represent Adjusted EBITDA from continuing operations and exclude the Natural Gas Storage business, which was classified as Discontinued Operations during the fourth quarter of 2013 and divested in the fourth quarter of 2014.

(2) Last twelve months through March 31, 2017. See Non-GAAP Reconciliations at end of presentation.

(3) Distributable cash flow divided by cash distributions declared for the respective periods.





NON-GAAP RECONCILIATIONS



BUCKEYE PARTNERS, L.P.

NON-GAAP FINANCIAL MEASURES



Adjusted EBITDA and distributable cash flow are measures not defined by accounting principles generally accepted in the United States of America (“GAAP”). We define Adjusted EBITDA as earnings before interest expense, income taxes, depreciation and amortization, further adjusted to exclude certain non-cash items, such as non-cash compensation expense; transaction, transition, and integration costs associated with acquisitions; gains and losses on foreign currency transactions and foreign currency derivative financial instruments; and certain other operating expense or income items, reflected in net income, that we do not believe are indicative of our core operating performance results and business outlook, such as hurricane-related costs, gains and losses on property damage recoveries, and gains and losses on asset sales. We define distributable cash flow as Adjusted EBITDA less cash interest expense, cash income tax expense, and maintenance capital expenditures, that are incurred to maintain the operating, safety, and/or earnings capacity of our existing assets. These definitions of Adjusted EBITDA and distributable cash flow are also applied to our proportionate share in the Adjusted EBITDA and distributable cash flow of significant equity method investments, such as that in VTTI, B.V. (“VTTI”), and are not applied to our less significant equity method investments. The calculation of our proportionate share of the reconciling items used to derive these VTTI performance metrics is based upon our 50% equity interest in VTTI, prior to adjustments related to noncontrolling interests in several of its subsidiaries and partnerships, which are immaterial. Adjusted EBITDA and distributable cash flow are non-GAAP financial measures that are used by our senior management, including our Chief Executive Officer, to assess the operating performance of our business and optimize resource allocation. We use Adjusted EBITDA as a primary measure to: (i) evaluate our consolidated operating performance and the operating performance of our business segments; (ii) allocate resources and capital to business segments; (iii) evaluate the viability of proposed projects; and (iv) determine overall rates of return on alternative investment opportunities. We use distributable cash flow as a performance metric to compare cash-generating performance of Buckeye from period to period and to compare the cash-generating performance for specific periods to the cash distributions (if any) that are expected to be paid to our unitholders. Distributable cash flow is not intended to be a liquidity measure.

Buckeye believes that investors benefit from having access to the same financial measures used by senior management and that these measures are useful to investors because they aid in comparing Buckeye’s operating performance with that of other companies with similar operations. The Adjusted EBITDA and distributable cash flow data presented by Buckeye may not be comparable to similarly titled measures at other companies because these items may be defined differently by other companies.

This presentation references forward-looking estimates of Adjusted EBITDA investment multiples projected, to be generated by the investment in VTTI. A reconciliation of estimated Adjusted EBITDA to GAAP net income is not provided because GAAP net income generated by the investment for the applicable periods is not accessible. In addition, interest and debt expense is a corporate-level expense that is not allocated among Buckeye’s segments and could not be allocated to the operations of the partnership with VTTI without unreasonable effort. Accordingly, the amount of depreciation and amortization and interest and debt expense that will be included in the additional net income generated as a result of the acquisition of the 50 percent interest in the partnership with Vitol is not accessible or estimable at this time. The amount of such additional resulting depreciation and amortization and applicable interest and debt expense could be significant, such that the amount of additional net income would vary substantially from the amount of projected Adjusted EBITDA.



NON-GAAP RECONCILIATIONS

In millions, except ratios



	2013	2014	2015	2016	LTM ⁽³⁾
Adjusted EBITDA ⁽¹⁾⁽²⁾:					
Domestic Pipelines & Terminals	\$486.5	\$532.1	\$522.2	\$568.4	\$579.4
Global Marine Terminals	149.7	239.6	323.9	427.2	451.2
Merchant Services	12.6	(8.1)	22.0	32.4	30.3
Adjusted EBITDA	\$648.8	\$763.6	\$868.1	\$1,028.0	\$1,060.9
Reconciliation of Net Income to Adjusted EBITDA and Distributable Cash Flow ⁽¹⁾:					
Net income ⁽⁴⁾	\$351.6	\$334.5	\$438.4	\$548.7	\$540.0
Less: Net income attributable to non-controlling interests	(4.2)	(1.9)	(0.3)	(13.1)	(11.9)
Net income attributable to Buckeye Partners, L.P.	347.4	332.6	438.1	535.6	\$528.1
Add: Interest and debt expense	130.9	171.2	171.3	194.9	203.0
Income tax expense	1.1	0.5	0.9	1.5	1.1
Depreciation and amortization	147.6	196.4	221.3	254.7	258.7
Non-cash unit-based compensation expense	21.0	21.0	29.3	33.3	35.7
Acquisition and transition expense	11.8	13.0	3.1	8.2	9.1
Litigation contingency reserve	-	40.0	15.2	-	-
Hurricane-related costs ⁽⁵⁾	-	-	-	16.8	19.2
Proportionate share of Adjusted EBITDA for the equity method investment in VTTI	-	-	-	-	28.6
Less: Amortization of unfavorable storage contracts	(11.0)	(11.1)	(11.1)	(6.0)	(3.2)
Gains on property damage recoveries	-	-	-	(5.7)	(5.7)
Gain on sale of ammonia pipeline	-	-	-	(5.3)	(5.3)
Earnings from the equity method investment in VTTI ⁽⁶⁾	-	-	-	-	(8.4)
Adjusted EBITDA	\$648.8	\$763.6	\$868.1	\$1,028.0	\$1,060.9
Less: Interest and debt expense, excluding amortization of deferred financing costs, debt discounts and other	(122.4)	(156.7)	(154.5)	(178.1)	(185.9)
Income tax expense, excluding non-cash taxes	(0.7)	(0.7)	(1.6)	0.3	0.6
Maintenance capital expenditures	(71.5)	(79.4)	(99.6)	(129.7)	(140.7)
Proportionate share of VTTI's interest expense, current income tax expense and maintenance capital expenditures ⁽⁶⁾	-	-	-	-	(8.0)
Add: Hurricane-related maintenance capital expenditures	-	-	-	6.1	11.6
Distributable cash flow	\$454.2	\$526.8	\$612.4	\$726.7	\$738.5
Distributions for coverage ratio ⁽⁷⁾	\$456.5	\$549.5	\$603.2	\$664.2	\$684.1
Coverage Ratio	0.99x	0.96x	1.02x	1.09x	1.08x
Reconciliation of Debt to Adjusted EBITDA Ratio:					
Line of credit	\$226.0	\$166.0	\$111.5	-	\$258.3
Long-term debt	3,075.2	3,368.6	3,732.8	4,217.7	4,561.0
Total debt	\$3,301.2	\$3,534.6	\$3,844.3	\$4,217.7	\$4,819.3
Adjusted EBITDA	\$648.8	\$763.6	\$868.1	\$1,028.0	\$1,060.9
Debt to Adjusted EBITDA Ratio	5.09x	4.63x	4.43x	4.10x	4.54x

(1) 2013 and 2014 amounts exclude the Natural Gas Storage business, which was classified as Discontinued Operations during the fourth quarter of 2013 and divested in the fourth quarter of 2014.

(2) Adjusted EBITDA by segment reflects adjustments to prior period information to conform to the current business segments as a result of changes to our operating structure in December 2013 and December 2015.

(3) Last twelve months through March 31, 2017.

(4) Net income in 2013, 2014 and 2015 excludes losses from Discontinued Operations.

(5) Represents costs incurred at our BBH facility as a result of Hurricane Matthew, which occurred in October 2016.

(6) The calculation of our proportionate share of the reconciling items used to derive these VTTI performance metrics is based upon our 50% equity interest in VTTI, prior to adjustments related to noncontrolling interests in several of its subsidiaries and partnerships, which are immaterial.

(7) Represents cash distributions declared for LP Units outstanding as of each respective period. Amount for 2017 reflects estimated cash distributions for LP Units for the quarter ended March 31, 2017.

