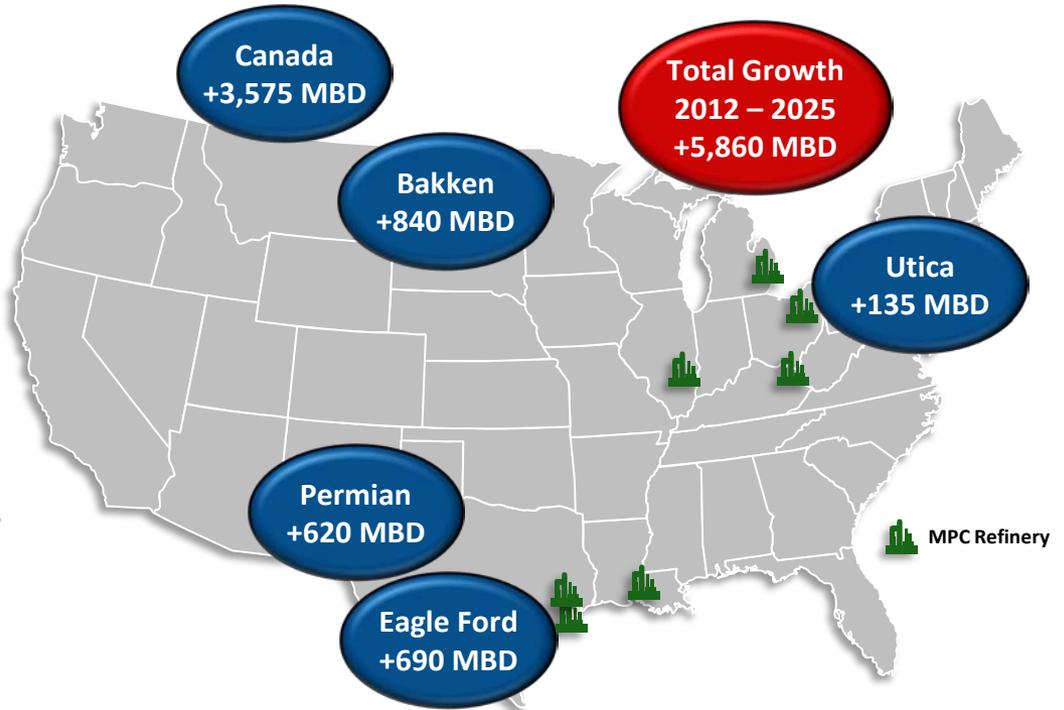
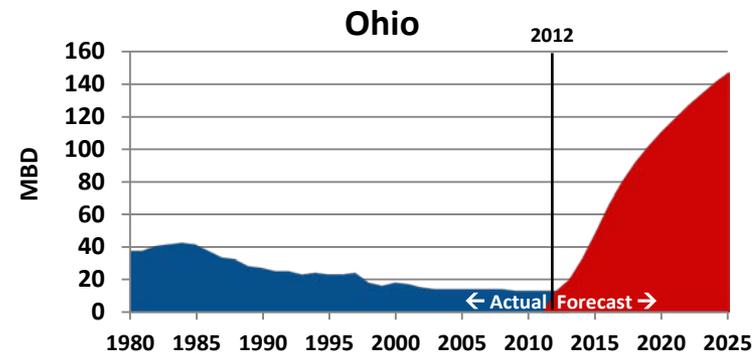
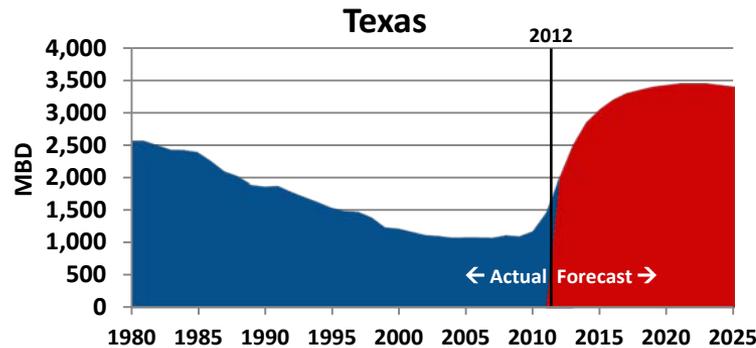
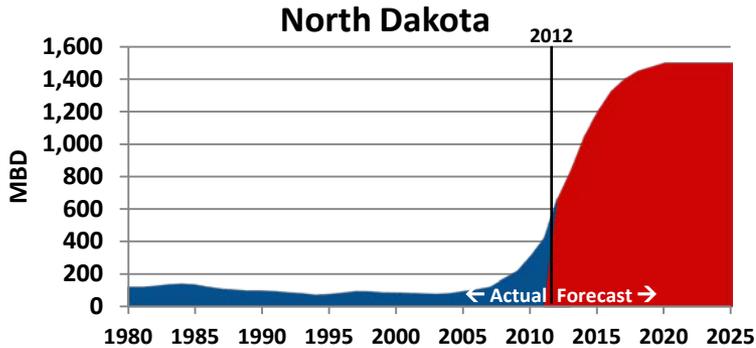


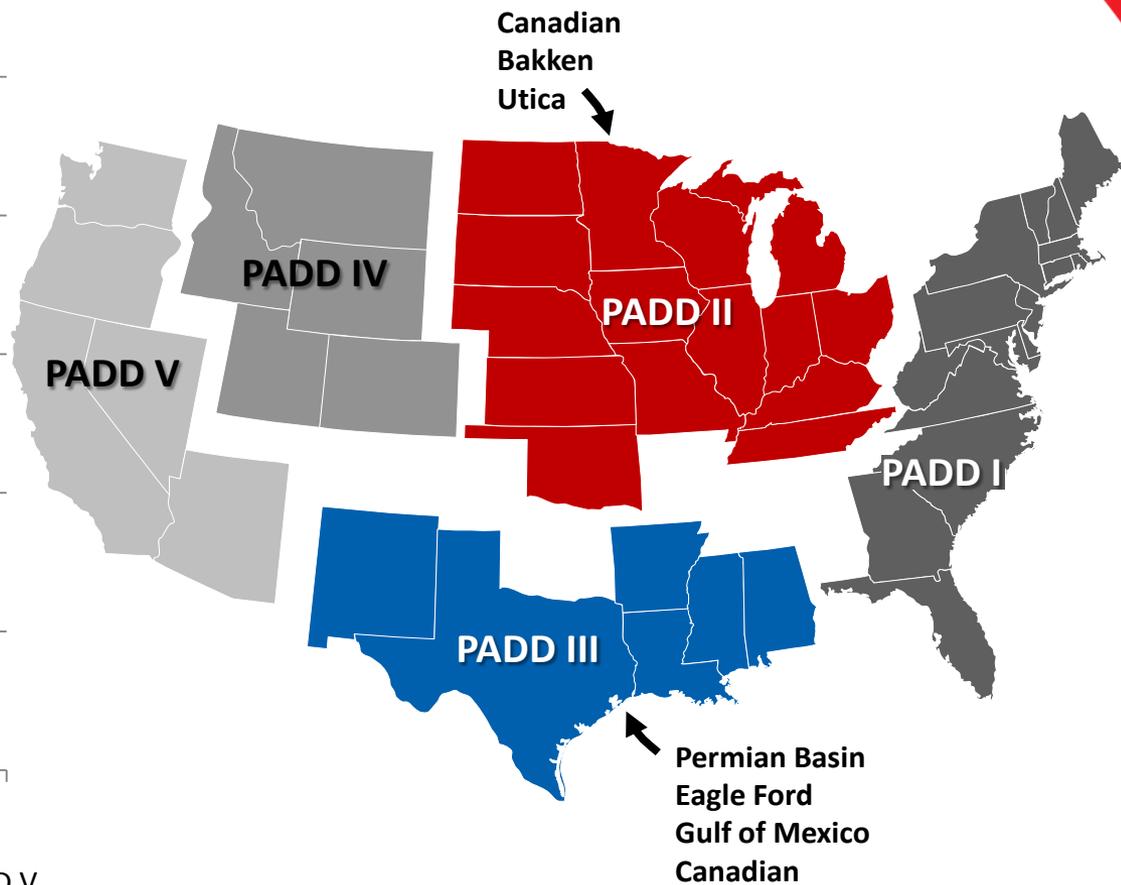
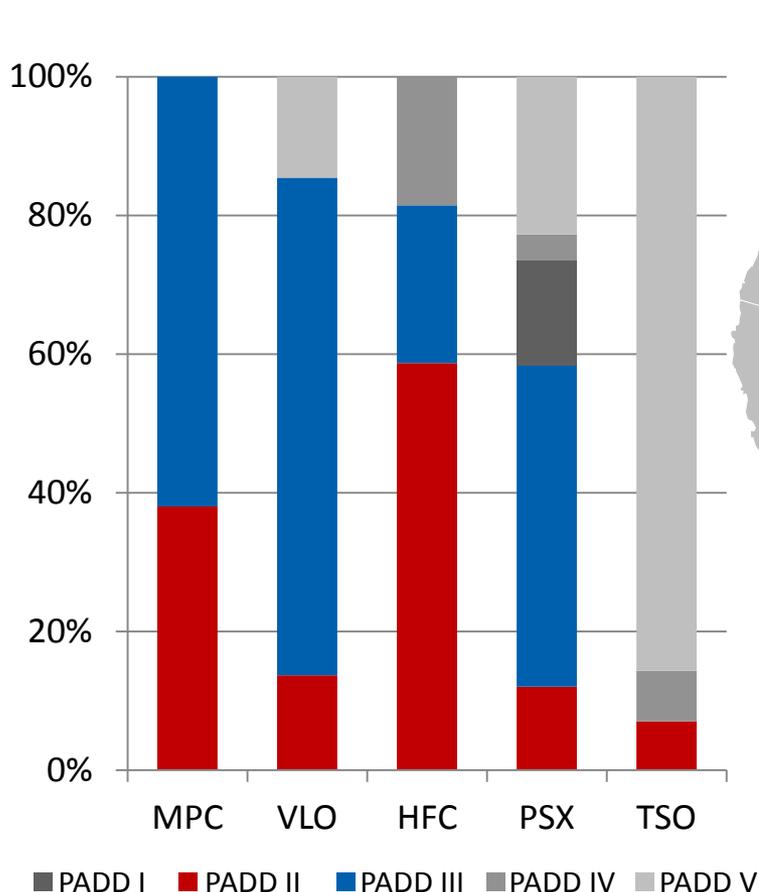
Growing Crude Oil/Condensate Supply



Sources: EIA, CAPP, MPC

MPC Refining Capacity in Advantaged Regions

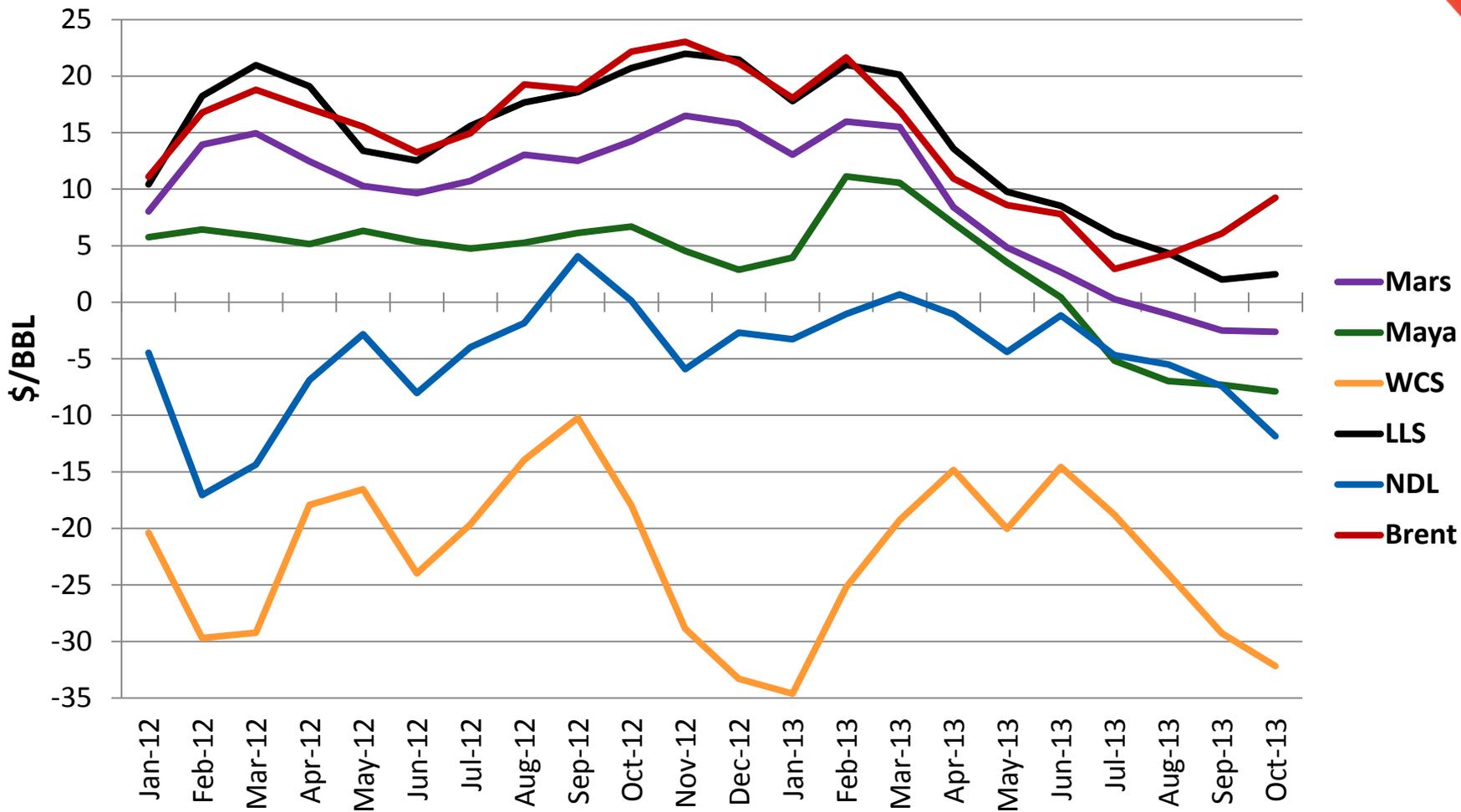
100% in PADDs II and III



Source: 2013 Oil and Gas Journal, MPC as of 2/1/2013

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Ongoing Volatile Crude Spreads vs. WTI



Sources: MPC, Argus

Expecting Attractive Crude Spreads

MPC Outlook

Brent/WTI Spread

\$7-\$12/BBL, wider at times

LLS/WTI Spread

\$5-\$10/BBL, transportation/quality based

Brent/LLS

\$3-\$5/BBL, domestic light sweet crude surplus

North Dakota Light

Competes with WTI and LLS, prices accordingly

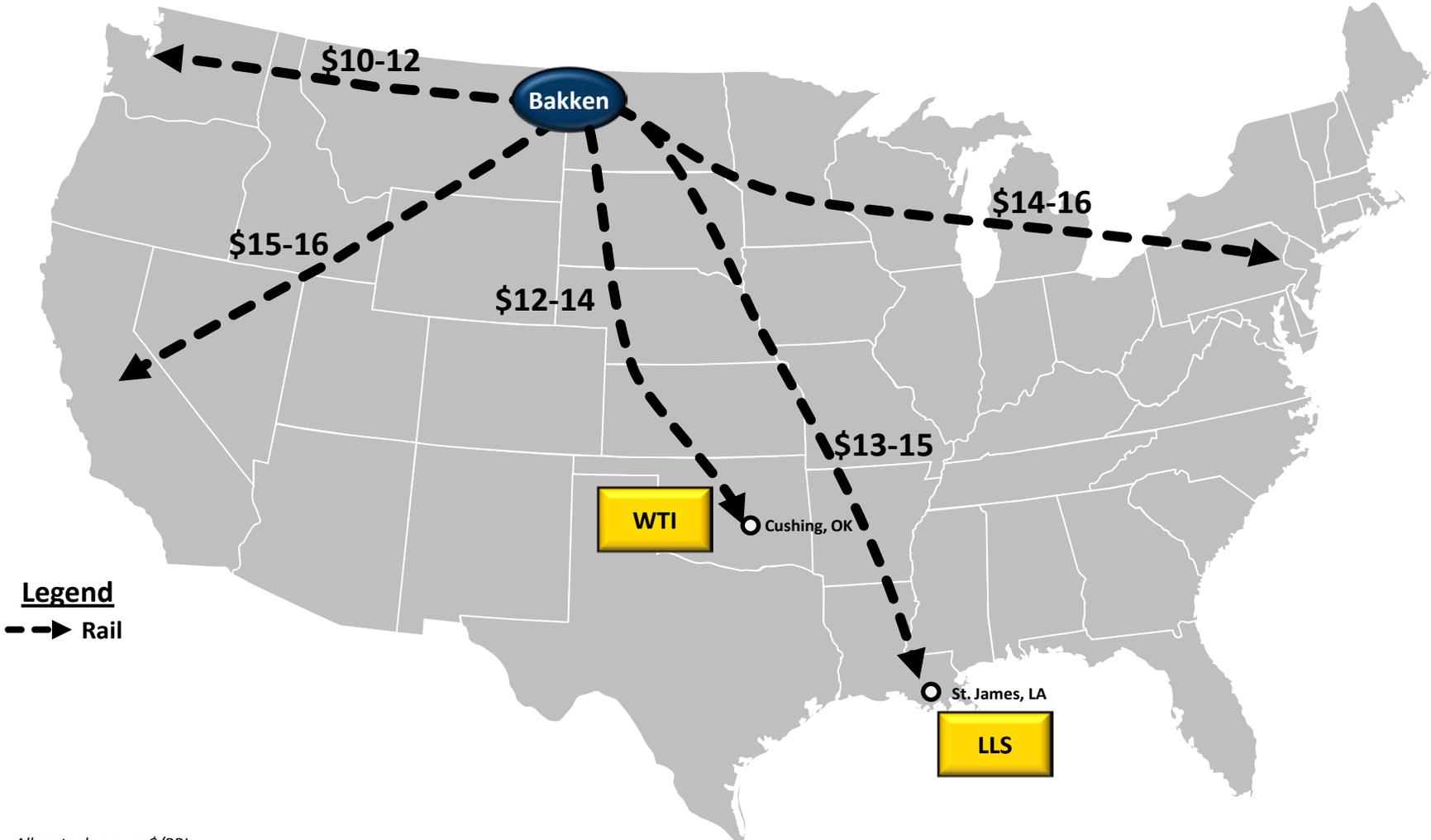
Canadian Heavy Differentials

Attractive, but narrowing with new pipelines and coker capacity

Differentials

Volatile, extreme at times and impossible to predict

Ongoing High Marginal Rail Cost

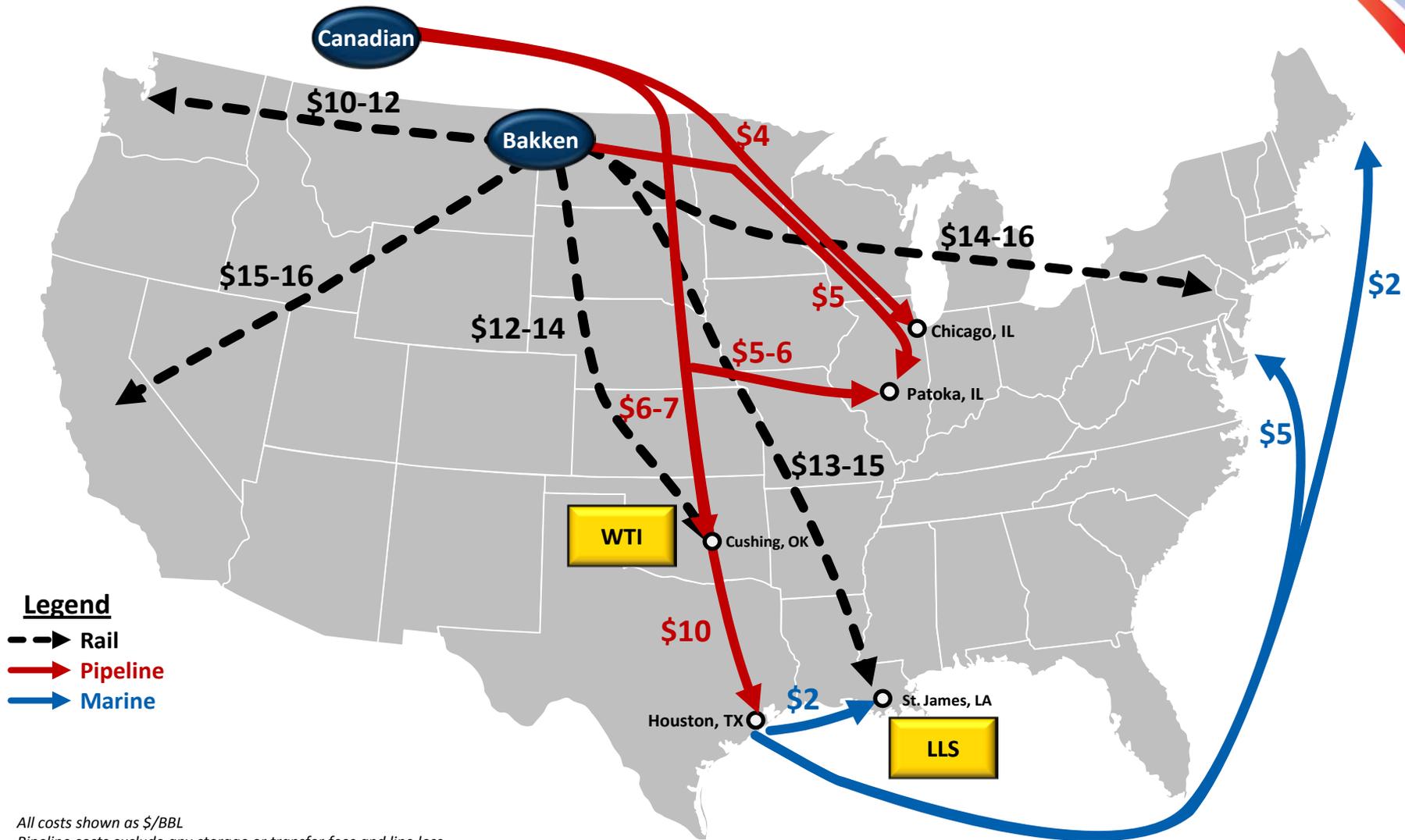


All costs shown as \$/BBL

Sources: MPC, publicly available information

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Compelling Advantage for Pipeline and Marine



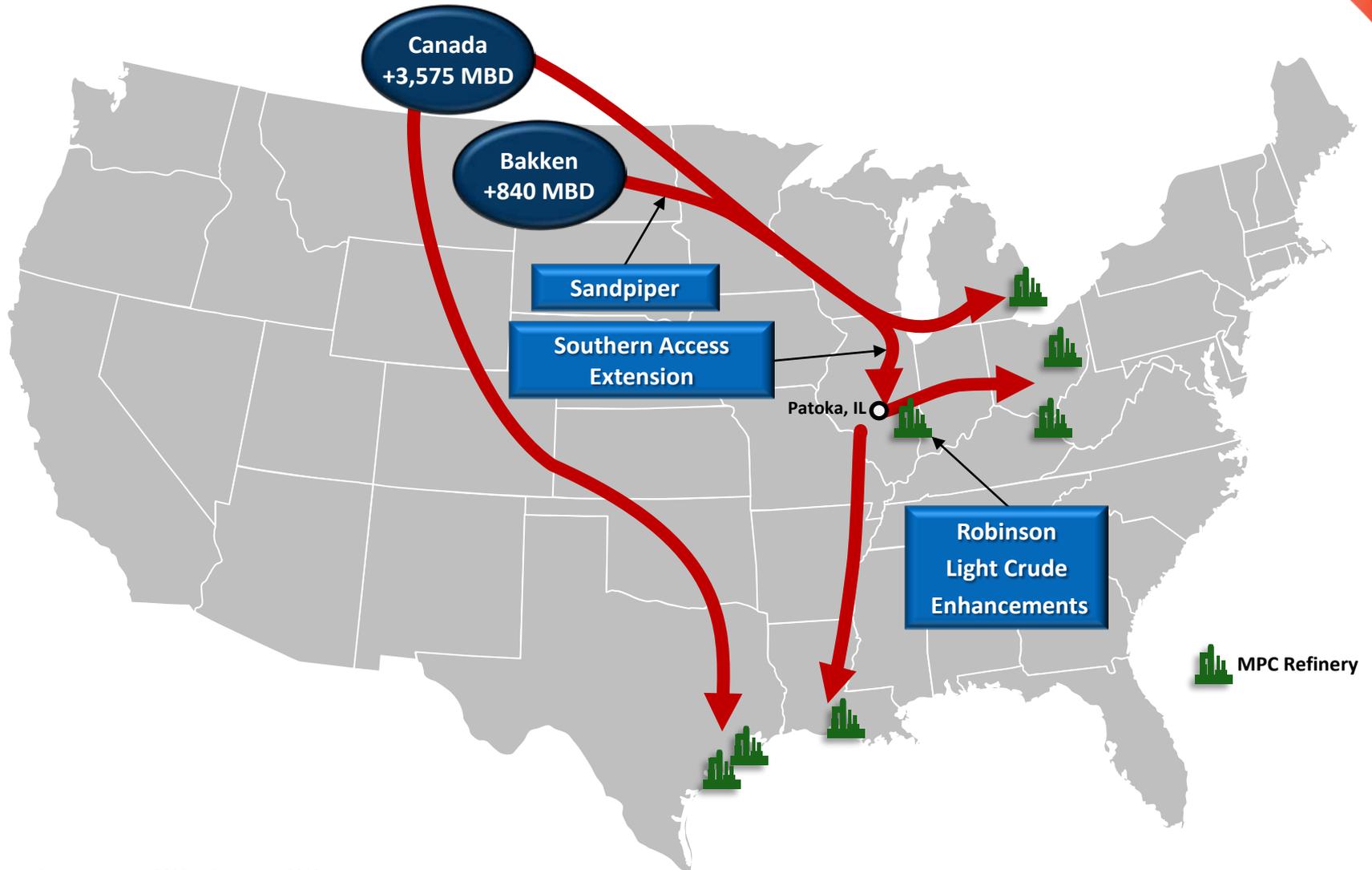
All costs shown as \$/BBL

Pipeline costs exclude any storage or transfer fees and line loss

Sources: MPC, publicly available information

Kraft ICC Testimony Page 94

Creating Crude/Condensate Advantage



Production volumes are 2025 estimates vs. 2012 actual
Sources: MPC, EIA, CAPP

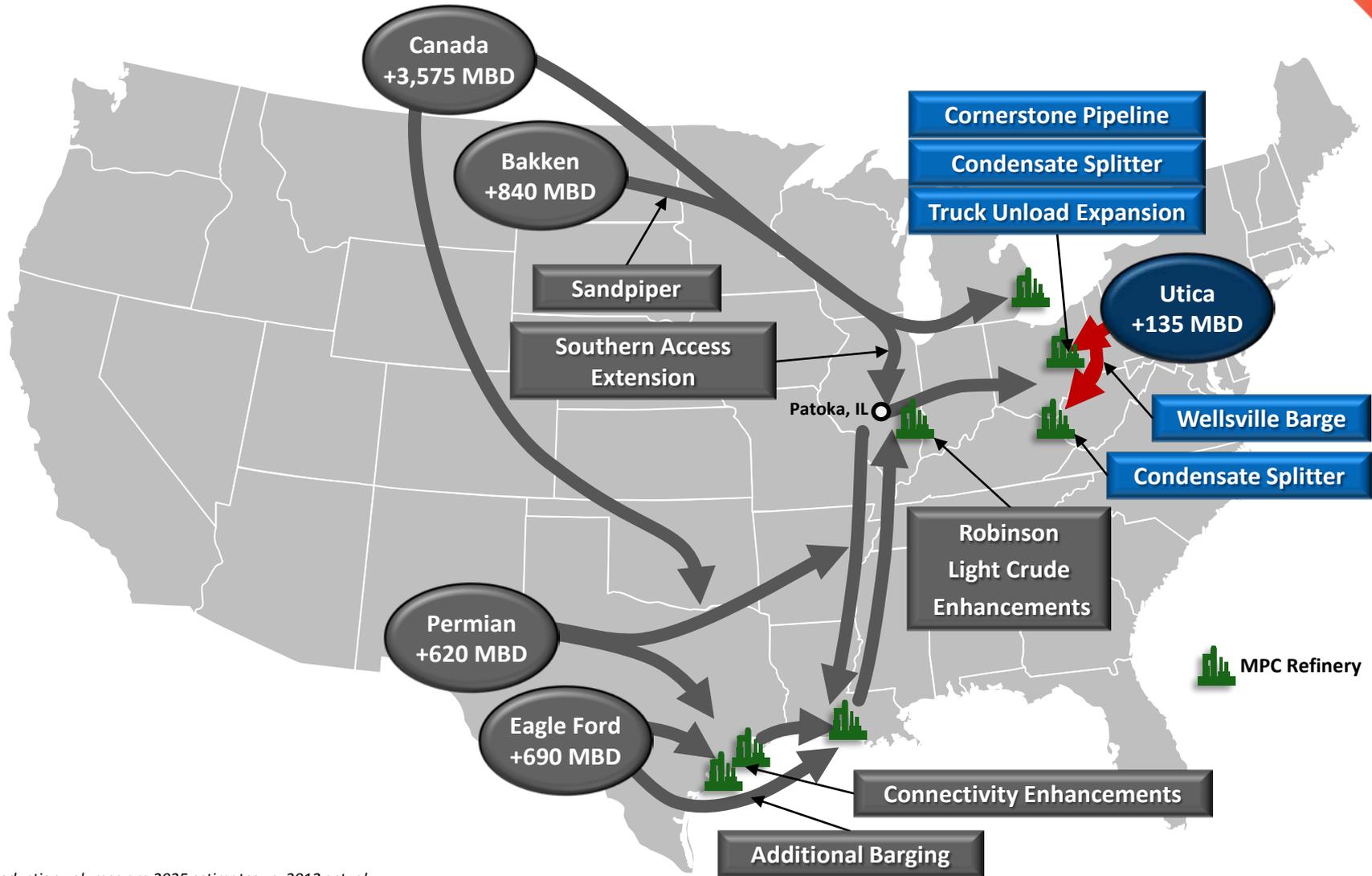
Creating Crude/Condensate Advantage



Production volumes are 2025 estimates vs. 2012 actual
Sources: MPC, EIA, CAPP

Kraft ICC Testimony Page 96

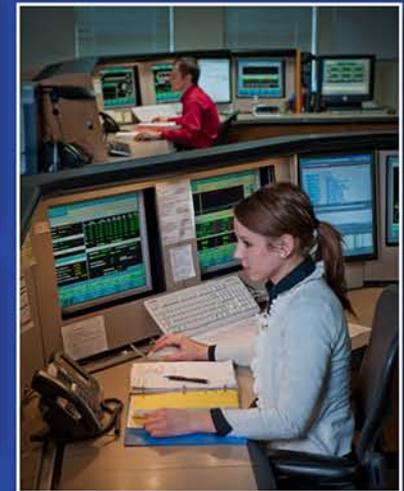
Creating Crude/Condensate Advantage



Production volumes are 2025 estimates vs. 2012 actual
Sources: MPC, EIA, CAPP

Garry Peiffer

MPC Executive Vice President and MPLX President

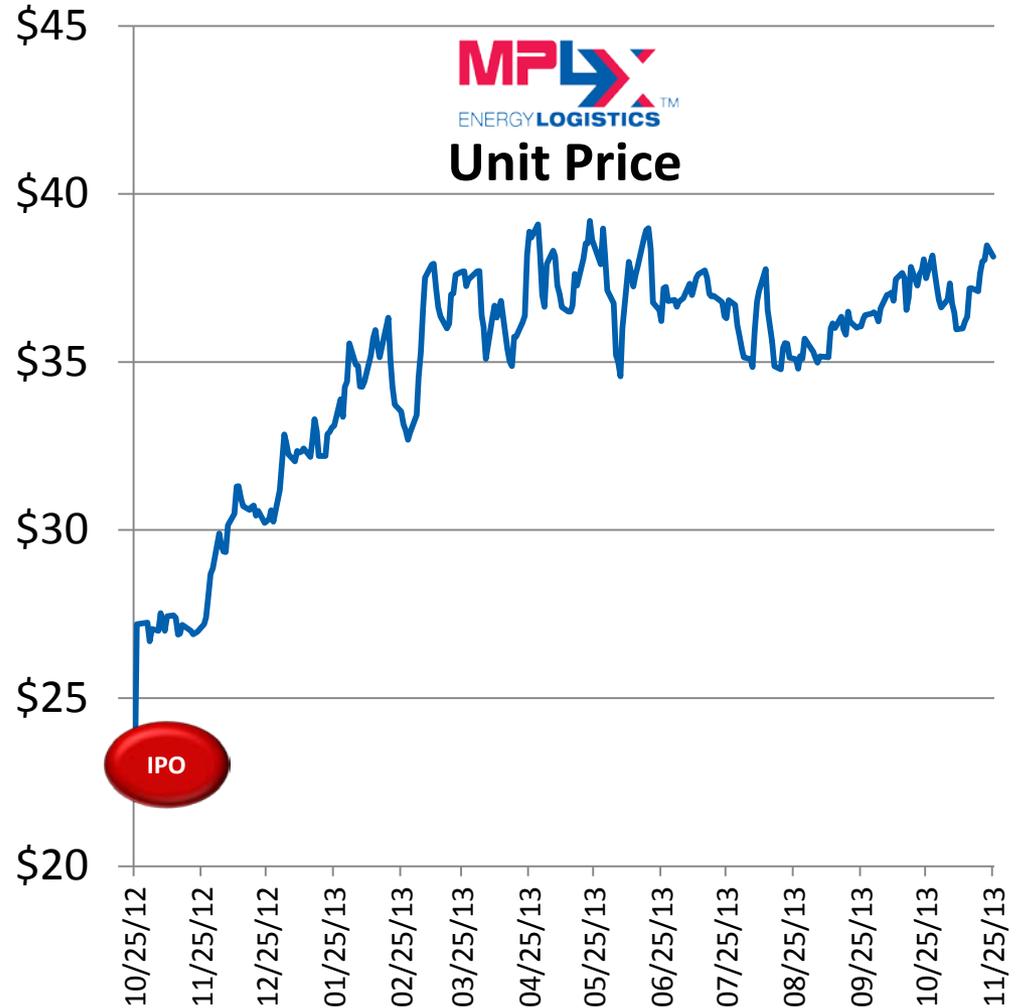


MPLX – Larger and More Valuable Part of MPC’s Business

- Sustain long-term growth
- Significant midstream/MPLX logistics growth underway
- Unlock value of MPC existing logistics assets via MPLX

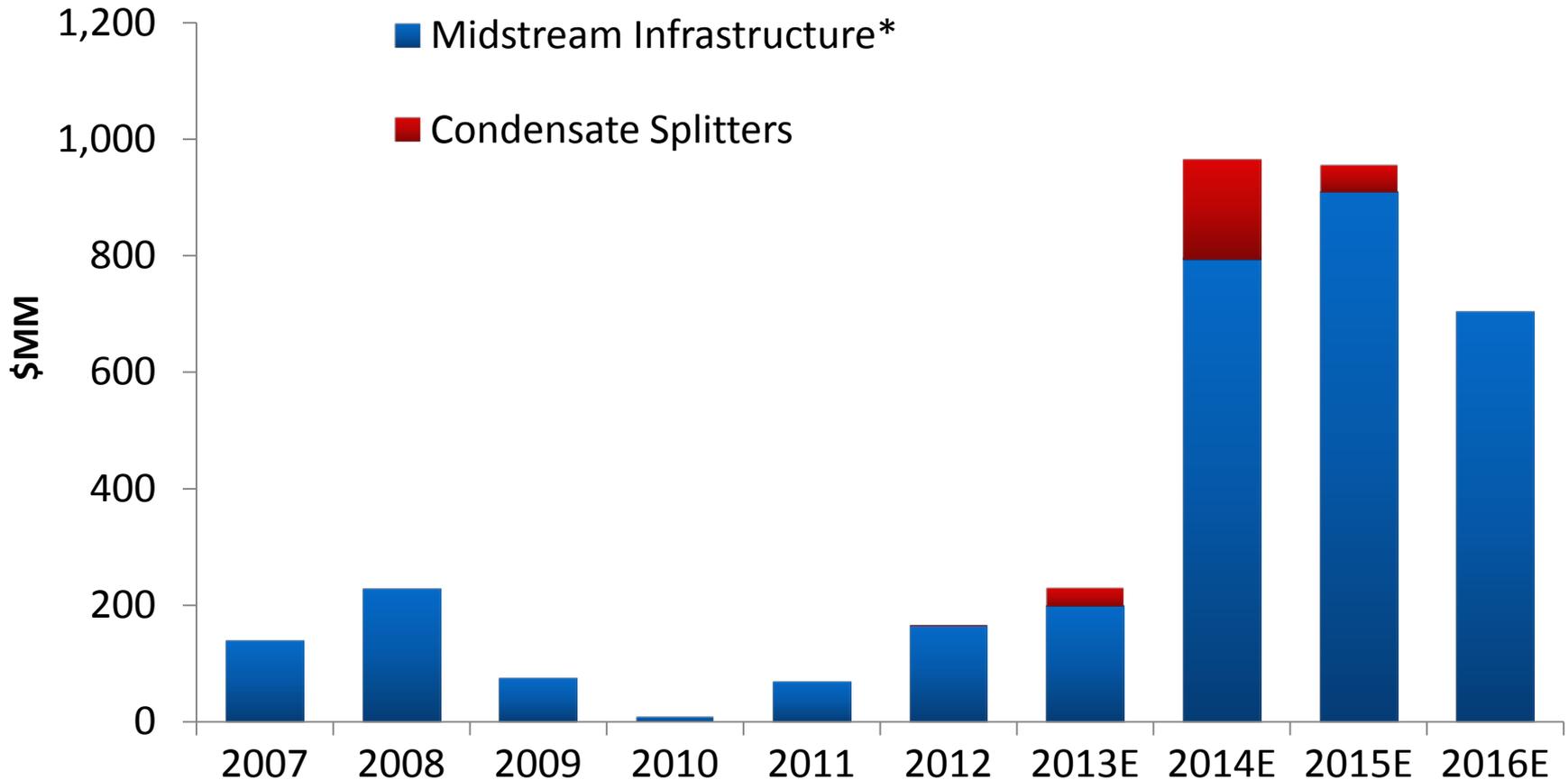
Industry Leading MLP and Ready to Run

- Focus on Fee-Based Businesses
- Pursue Organic Growth Opportunities
- Grow Through Acquisitions and Drop-downs
- Maintain Safe and Reliable Operations



Source: Thomson Reuters

Increasing Midstream Growth Investments



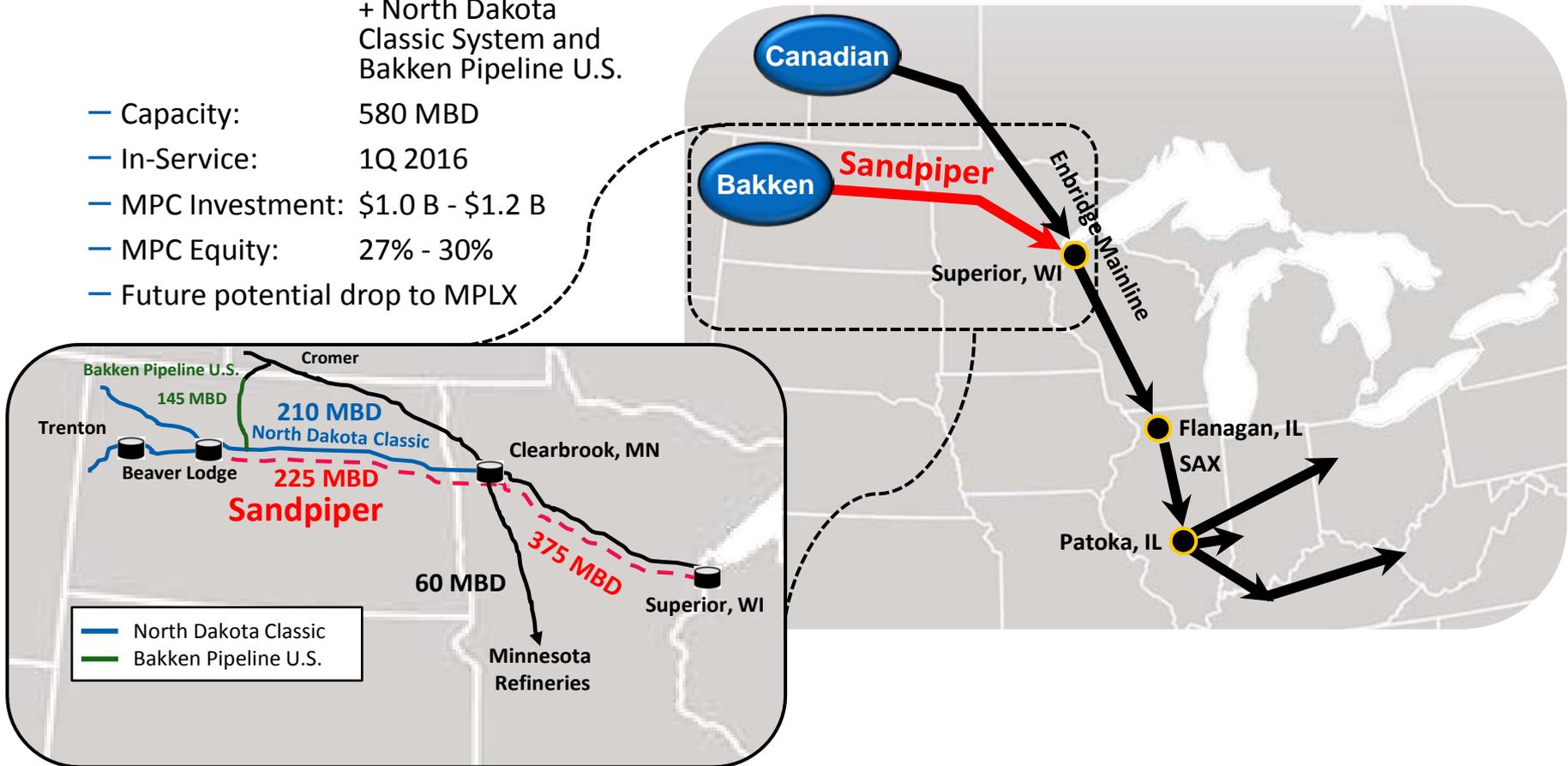
*Includes MPLX spend, midstream investments included in the R&M segment, Southern Access Extension Pipeline and Sandpiper Pipeline equity investment. Excludes maintenance capital.

Investing in Significant Growth Projects

North Dakota System (Sandpiper)

■ Logistics equity opportunity – MPC

- Length, size: 610 Mile, 24"/30" + North Dakota Classic System and Bakken Pipeline U.S.
- Capacity: 580 MBD
- In-Service: 1Q 2016
- MPC Investment: \$1.0 B - \$1.2 B
- MPC Equity: 27% - 30%
- Future potential drop to MPLX



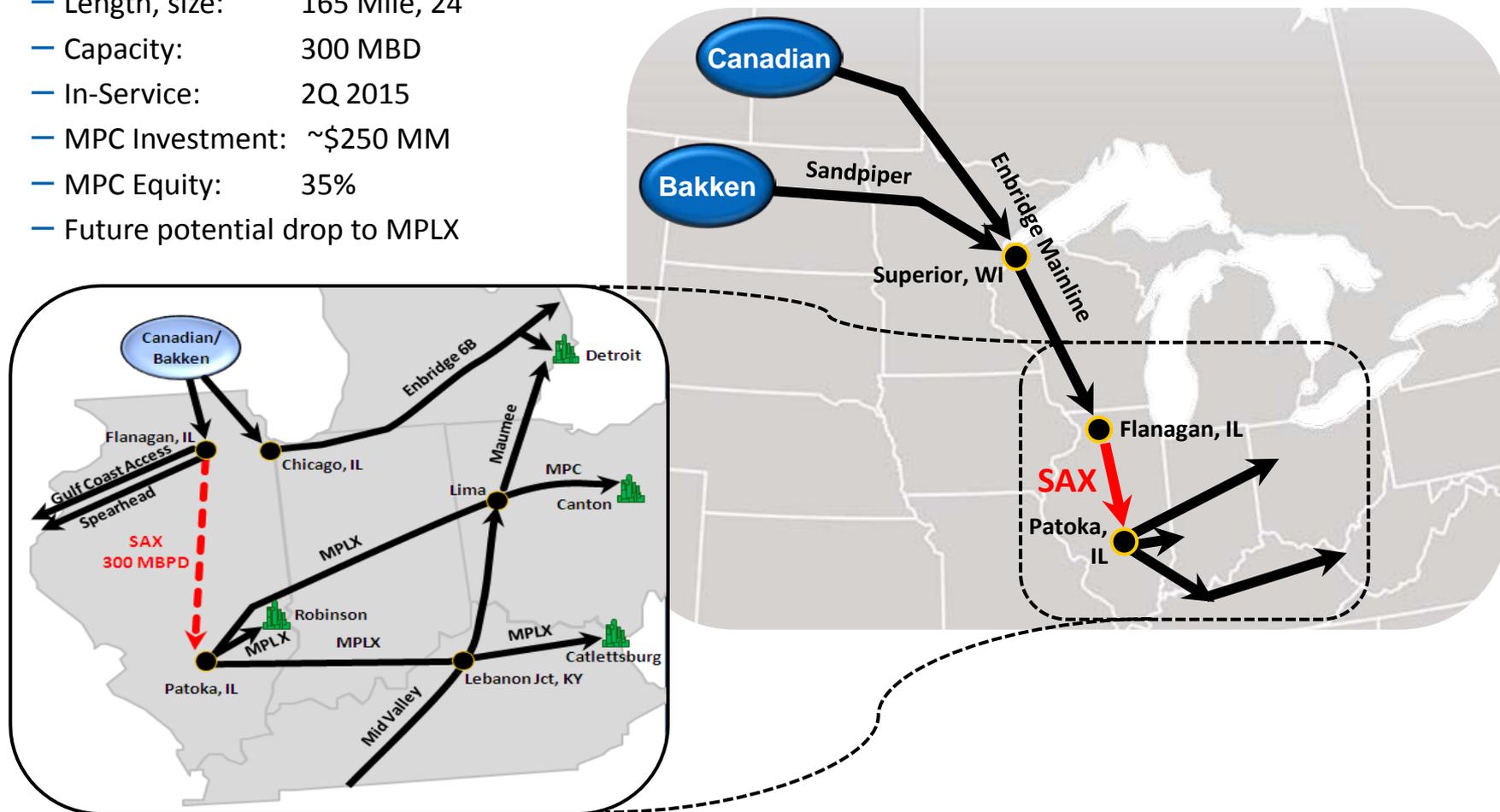
Source: Enbridge

Investing in Significant Growth Projects

Southern Access Extension (SAX)

Logistics equity opportunity – MPC

- Length, size: 165 Mile, 24"
- Capacity: 300 MBPD
- In-Service: 2Q 2015
- MPC Investment: ~\$250 MM
- MPC Equity: 35%
- Future potential drop to MPLX



Source: Enbridge

Leveraging Existing MPC Assets

Utica shale strategy

- Expand refinery processing capacity to leverage geographic advantage
 - Condensate splitters at Canton and Catlettsburg
 - Increases total crude plus condensate processing capacity to 60 MBD from ~25 MBD
- Phased infrastructure investment
 - Truck
 - Barge
 - Pipeline
- Develop connectivity
 - Canton
 - Catlettsburg
 - Ohio River system to Robinson and USGC
 - Regional refining markets
 - Lima, Toledo, Detroit

2012 – 2016 Projects	\$MM
Condensate Splitters – MPC	250
Cornerstone Pipeline – MPLX	140
Two Rivers Pipeline to Robinson – MPLX	70
Wellsville Truck to Barge Operation – MPC	30
Other* – MPC/MPLX	150
Total	640

*Other includes: Barges, Moreland Pipeline Injection Station, Canton Crude Truck Unload & Crude Oil Trucks

Developing a Comprehensive Utica System

- Proposed Cornerstone Pipeline investment

- \$140 MM

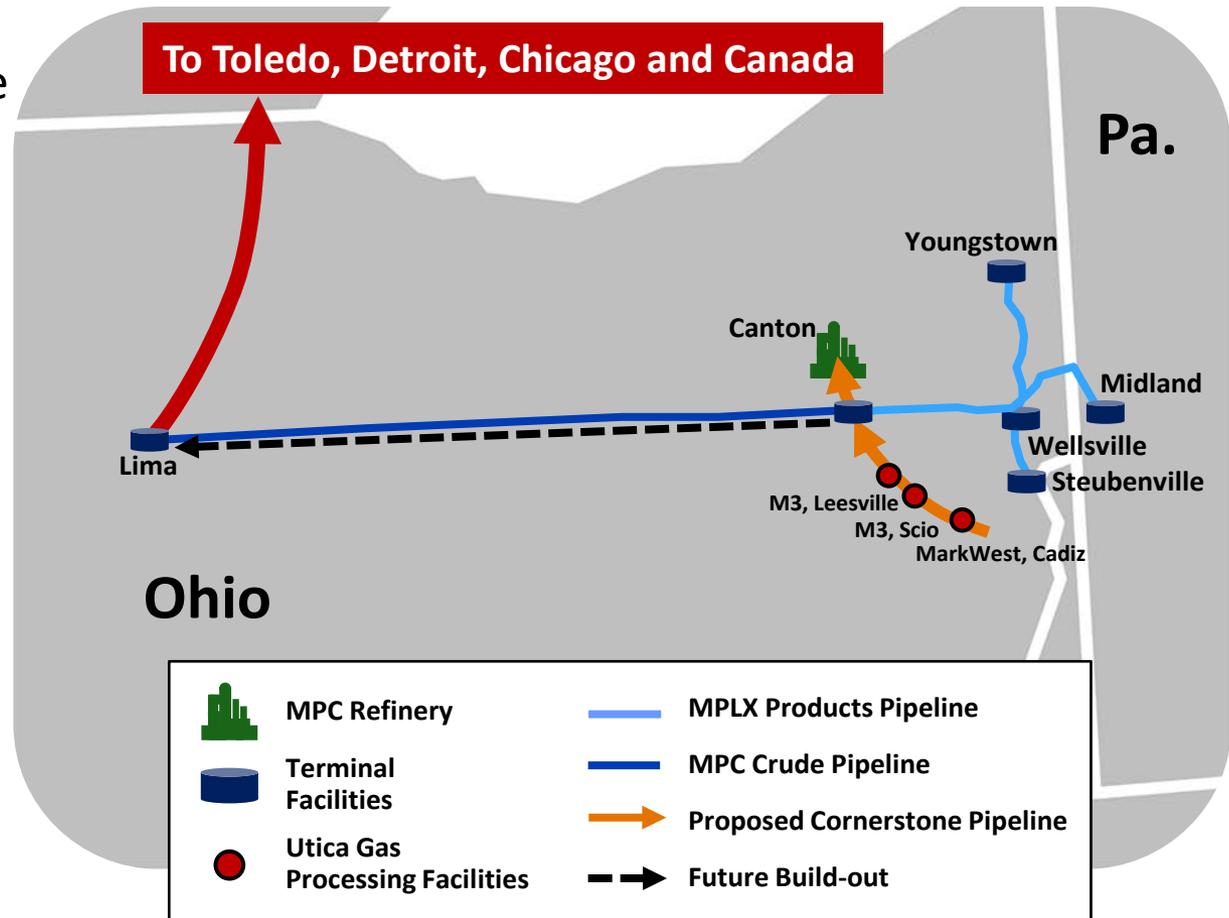
- Capacity

- 25+ MBD

- Timing

- late 2016

- \$20 MM EBITDA



Investing in Significant Growth Projects

~\$2.2 B investment with potential annual EBITDA of up to \$300 MM

MPC Projects	Timing	Investment \$MM
North Dakota Pipelines Equity Option	2016	\$1,200
Condensate Splitters	2013-2015	\$250
SAX Equity Option	2015	\$250
Wellsville Truck to Barge Operation	2013	\$30
Other	2013-2014	\$220
Total		\$1,950

MPLX Projects	Timing	Investment \$MM
Cornerstone Pipeline (Utica Shale)	2016	\$140
Robinson to Mt. Vernon	2014-2016	\$70
Other	2015-2016	\$75
Total		\$285

Current Retained Midstream EBITDA of ~\$800 MM



Additional Midstream Assets Retained by MPC



Pipelines

- Over 5,000 miles of additional crude and products pipelines
 - Owns, leases or has an ownership interest in these pipelines
 - 44% of MPLX Pipe Line Holdings LP



Marine

- 191 inland barges; 4.6 MMBBL capacity
- 15 inland towboats



Terminals

- 65 light product; 21.5 MMBBL storage; 200 loading lanes
- 19 asphalt; 4.3 MMBBL storage; 68 loading lanes



Railcars

- 27 owned and 1,944 leased
- 694 general service; 1,041 high pressure; 236 open-top hoppers



Refinery

- 58 MMBBL storage
- 24 rail loading racks and 23 truck loading racks
- 7 owned and 12 non-owned docks
- 2012 throughput of 75 MBD for load racks and 500 MBD for docks

Drop-down Strategy Considerations

- MPC created MPLX to grow midstream business and create a funding mechanism for strategic opportunities
- MPLX investors highly value a consistent, long-term growth strategy
- Ratable drops maximize value creation and retain flexibility for MPC
 - Committed to 15-20% annual distribution growth rate for at least the next several years
 - Larger drops will be considered if they meet strategic need
- MPLX is establishing an optimized capital structure
- Preparing MPC retained assets to be dropped, including tax considerations

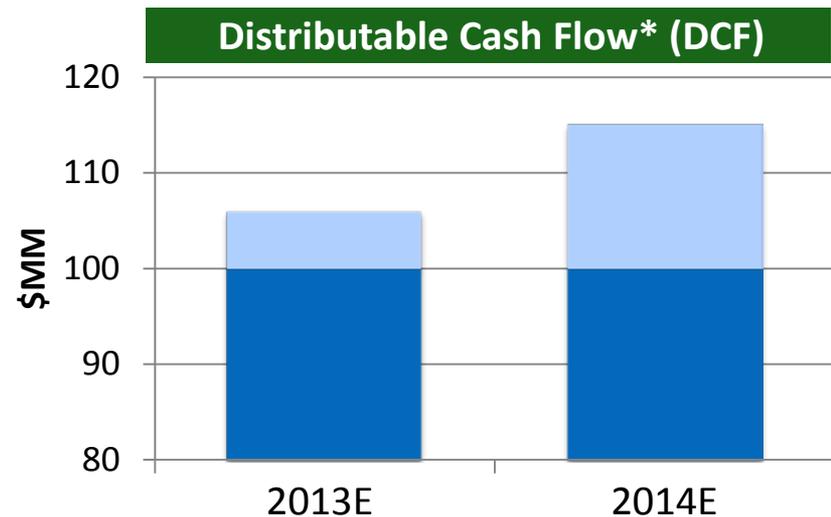
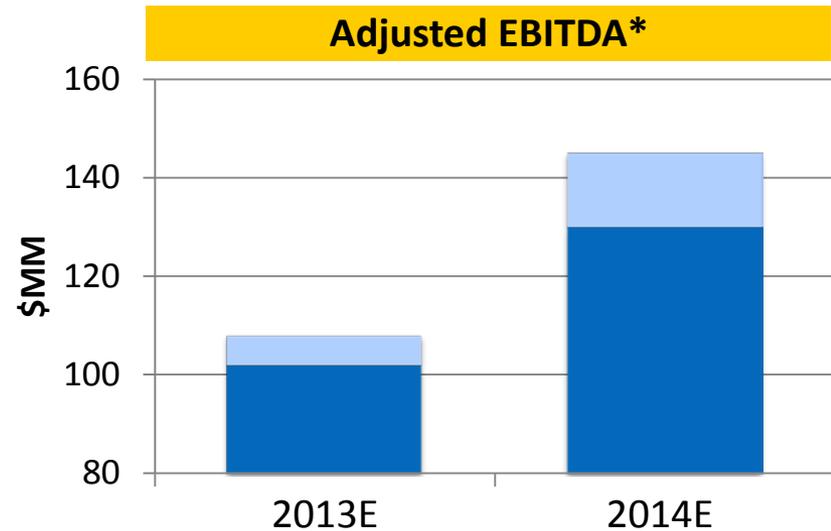
Outlook for Continued Organic Growth

MPLX 2014

(\$MM, except where noted)	2013E		2014E	
	Min	Max	Min	Max
Adjusted EBITDA*	102	108	130	145
DCF*	100	106	100	115

Note: 2014E outlook excludes likely drop-down transaction

- MPLX 2014E Capital (100% basis)
— \$148 MM



*Attributable to MPLX unitholders. Non-GAAP disclosure, see appendix for reconciliation to net income attributable to MPLX

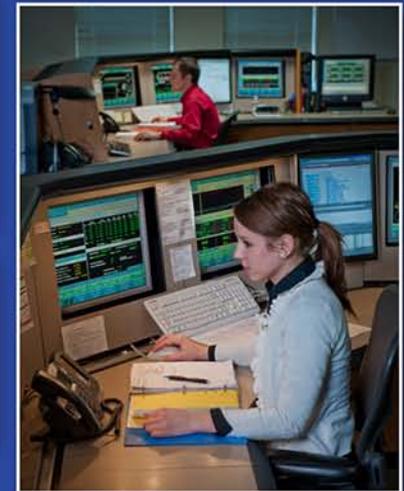
MPLX Summary

- MPLX will be MPC's primary midstream growth vehicle
- Large portfolio of fee-based growth projects that will be immediately accretive to distributable cash flow
- Clear line of sight to MPC midstream asset portfolio to support growth
- Pursuing numerous projects to continue to grow portfolio
- Committed to 15-20% annual distribution growth rate for at least the next several years



Tony Kenney

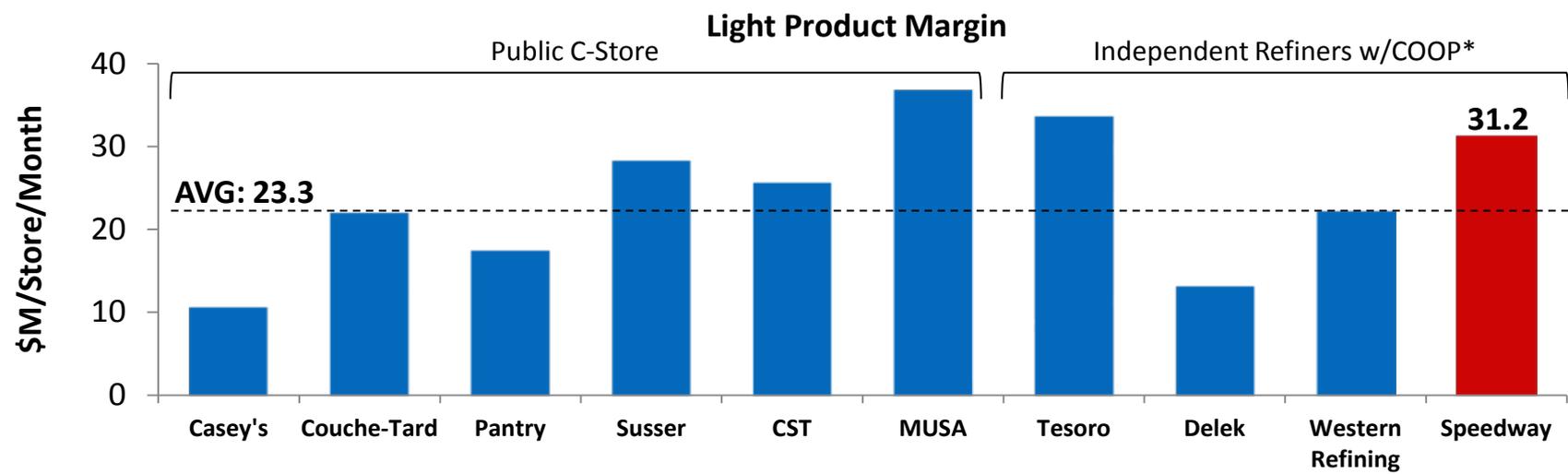
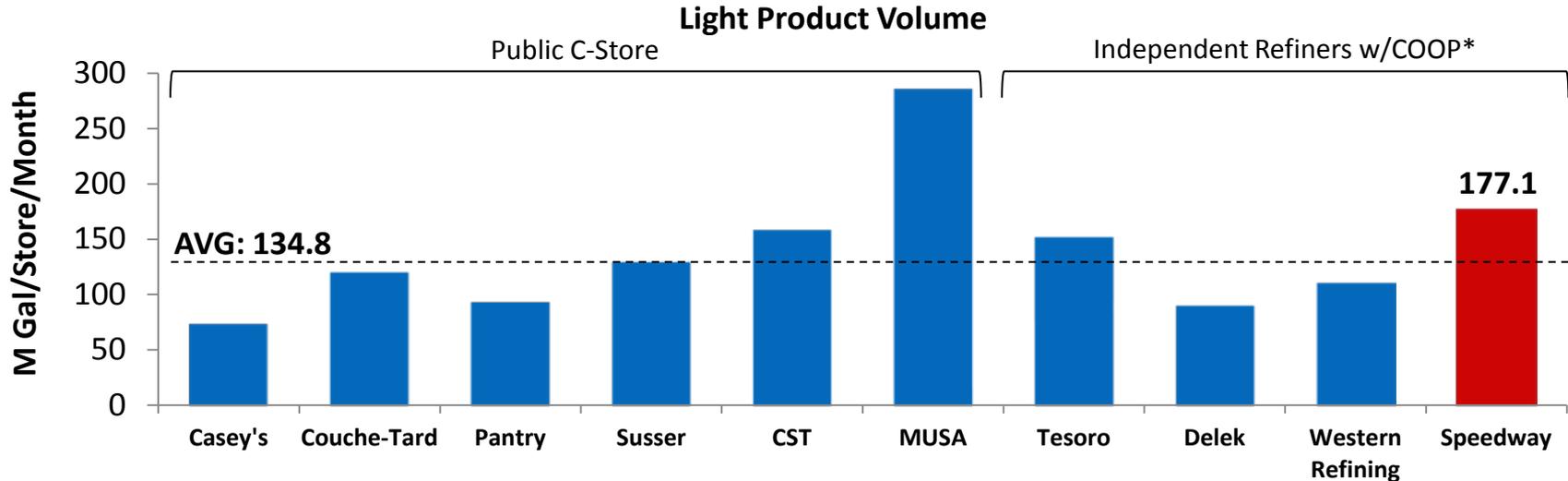
President, Speedway LLC



Speedway – Larger and More Valuable Part of MPC's Business

- Sustain top tier performance in convenience store industry
- Accelerate organic growth strategy
- Leverage integration value within MPC's Midwest infrastructure
- Grow very stable cash flow

Top Tier Light Product Volume per Store



Source: 2012 Company Reports

*Company Owned and Operated