



Louisiana Asset Tour Presentation

October 2019

Forward-Looking Statements and Additional Information



Forward-Looking Statements

This presentation contains forward-looking statements within the meaning of federal securities laws regarding Marathon Petroleum Corporation (MPC) and MPLX LP (MPLX). These forward-looking statements relate to, among other things, MPC's acquisition of Andeavor and include expectations, estimates and projections concerning the business and operations, strategy and value creation plans of MPC and MPLX. In accordance with "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995, these statements are accompanied by cautionary language identifying important factors, though not necessarily all such factors, that could cause future outcomes to differ materially from those set forth in the forward-looking statements. You can identify forward-looking statements by words such as "anticipate," "believe," "could," "design," "estimate," "expect," "forecast," "goal," "guidance," "imply," "intend," "may," "objective," "opportunity," "outlook," "plan," "policy," "position," "potential," "predict," "priority," "project," "prospective," "pursue," "seek," "should," "strategy," "target," "would," "will" or other similar expressions that convey the uncertainty of future events or outcomes. Such forward-looking statements are not guarantees of future performance and are subject to risks, uncertainties and other factors, some of which are beyond the companies' control and are difficult to predict.

Factors that could cause MPC's actual results to differ materially from those implied in the forward-looking statements include: the risk that the cost savings and any other synergies from the Andeavor transaction may not be fully realized or may take longer to realize than expected; disruption from the Andeavor transaction making it more difficult to maintain relationships with customers, employees or suppliers; risks relating to any unforeseen liabilities of Andeavor; risks related to the acquisition of Andeavor Logistics LP by MPLX, including the risk that anticipated opportunities and any other synergies from or anticipated benefits of the transaction may not be fully realized or may take longer to realize than expected, including whether the transaction will be accretive within the expected timeframe or at all, or disruption from the transaction making it more difficult to maintain relationships with customers, employees or suppliers; the ability to complete any divestitures on commercially reasonable terms and/or within the expected timeframe, and the effects of any such divestitures on the business, financial condition, results of operations and cash flows; future levels of revenues, refining and marketing margins, operating costs, retail gasoline and distillate margins, merchandise margins, income from operations, net income or earnings per share; the regional, national and worldwide availability and pricing of refined products, crude oil, natural gas, NGLs and other feedstocks; consumer demand for refined products; the ability to manage disruptions in credit markets or changes to credit ratings; future levels of capital, environmental or maintenance expenditures, general and administrative and other expenses; the success or timing of completion of ongoing or anticipated capital or maintenance projects; the reliability of processing units and other equipment; business strategies, growth opportunities and expected investment; share repurchase authorizations, including the timing and amounts of any common stock repurchases; the adequacy of capital resources and liquidity, including but not limited to, availability of sufficient free cash flow to execute business plans and to effect any share repurchases or dividend increases, including within the expected timeframe and within targeted amounts; the effect of restructuring or reorganization of business components; the potential effects of judicial or other proceedings on the business, financial condition, results of operations and cash flows; continued or further volatility in and/or degradation of general economic, market, industry or business conditions; compliance with federal and state environmental, economic, health and safety, energy and other policies and regulations, including the cost of compliance with the Renewable Fuel Standard, and/or enforcement actions initiated thereunder; the anticipated effects of actions of third parties such as competitors, activist investors or federal, foreign, state or local regulatory authorities or plaintiffs in litigation; the impact of adverse market conditions or other similar risks to those identified herein affecting MPLX; and the factors set forth under the heading "Risk Factors" in MPC's Annual Report on Form 10-K for the year ended Dec. 31, 2018, filed with the Securities and Exchange Commission (SEC).

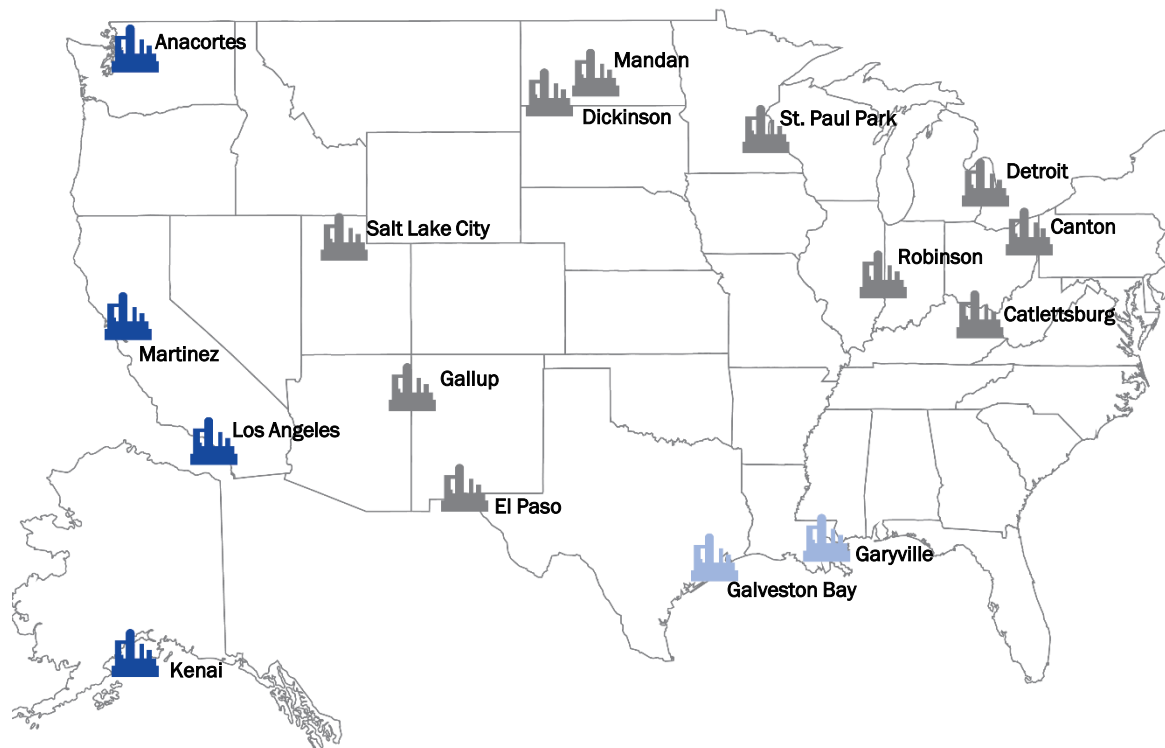
Factors that could cause MPLX's actual results to differ materially from those implied in the forward-looking statements include: the risk that anticipated opportunities and any other synergies from or anticipated benefits of the Andeavor Logistics (ANDX) acquisition may not be fully realized or may take longer to realize than expected, including whether the transaction will be accretive within the expected timeframe or at all; disruption from the transaction making it more difficult to maintain relationships with customers, employees or suppliers; risks relating to any unforeseen liabilities of ANDX; the amount and timing of future distributions; negative capital market conditions, including an increase of the current yield on common units; the ability to achieve strategic and financial objectives, including with respect to distribution coverage, future distribution levels, proposed projects and completed transactions; the success of MPC's portfolio optimization, including the ability to complete any divestitures on commercially reasonable terms and/or within the expected timeframe, and the effects of any such divestitures on the business, financial condition, results of operations and cash flows; adverse changes in laws including with respect to tax and regulatory matters; the adequacy of capital resources and liquidity, including, but not limited to, availability of sufficient cash flow to pay distributions and access to debt on commercially reasonable terms, and the ability to successfully execute business plans, growth strategies and self-funding models; the timing and extent of changes in commodity prices and demand for crude oil, refined products, feedstocks or other hydrocarbon-based products; continued/further volatility in and/or degradation of market and industry conditions; changes to the expected construction costs and timing of projects and planned investments, and the ability to obtain regulatory and other approvals with respect thereto; completion of midstream infrastructure by competitors; disruptions due to equipment interruption or failure, including electrical shortages and power grid failures; the suspension, reduction or termination of MPC's obligations under MPLX's commercial agreements; modifications to financial policies, capital budgets, and earnings and distributions; the ability to manage disruptions in credit markets or changes to credit ratings; compliance with federal and state environmental, economic, health and safety, energy and other policies and regulations and/or enforcement actions initiated thereunder; adverse results in litigation; other risk factors inherent to MPLX's industry; risks related to MPC; and the factors set forth under the heading "Risk Factors" in MPLX's Annual Report on Form 10-K for the year ended Dec. 31, 2018, and Form 10-Q for the quarter ended June 30, 2019, filed with the SEC.

We have based our forward-looking statements on our current expectations, estimates and projections about our industry. We caution that these statements are not guarantees of future performance and you should not rely unduly on them, as they involve risks, uncertainties, and assumptions that we cannot predict. In addition, we have based many of these forward-looking statements on assumptions about future events that may prove to be inaccurate. While our management considers these assumptions to be reasonable, they are inherently subject to significant business, economic, competitive, regulatory and other risks, contingencies and uncertainties, most of which are difficult to predict and many of which are beyond our control. Accordingly, our actual results may differ materially from the future performance that we have expressed or forecast in our forward-looking statements. We undertake no obligation to update any forward-looking statements except to the extent required by applicable law. Copies of MPC's Form 10-K and Forms 10-Q are available on the SEC website, MPC's website at <https://www.marathonpetroleum.com/Investors/> or by contacting MPC's Investor Relations office. Copies of MPLX's Form 10-K and Forms 10-Q are available on the SEC website, MPLX's website at <http://ir.mplx.com> or by contacting MPLX's Investor Relations office.

MPC Refining Footprint and Regions



Refining Locations



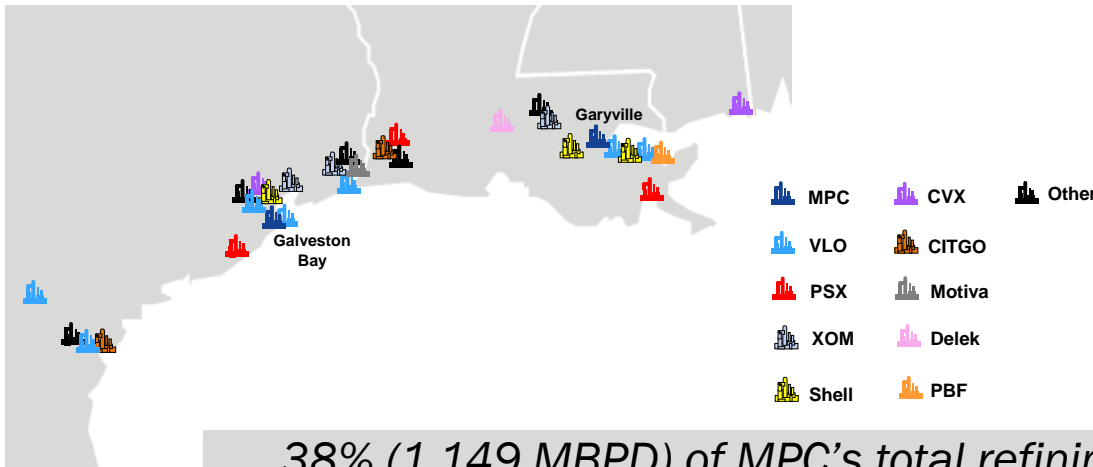
	Refinery	MBPD
West Coast	Anacortes, WA	119
	Kenai, AK	68
	Los Angeles, CA	363
	Martinez, CA	161
	Total	711
Mid-Con	Canton, OH	93
	Catlettsburg, KY	277
	Detroit, MI	140
	Dickinson, ND	19
	El Paso, TX	131
	Gallup, NM	26
	Mandan, ND	71
	Robinson, IL	245
	Salt Lake City, UT	61
	St. Paul Park, MN	98
	Total	1,161
	Gulf Coast	Galveston Bay, TX
Garyville, LA		564
Total		1,149

Gulf Coast Market Drivers



Capacity and Flexibility

- Largest U.S. long/spot market with distribution to Eastern U.S. and foreign markets
- MPC advantaged on Gulf Coast
 - High crude unit utilization
 - Low operating expenses per barrel
 - Export facilities meet significant, growing market needs



Company	Refinery	Capacity (MBPD)	NCI
MPC	Garyville	564	11.4
MPC	Galveston Bay	585	11.7
PSX	Alliance (Belle Chasse)	250	11.9
PSX	Lake Charles (Westlake)	249	9.2
PSX	Sweeny	265	13.3
VLO	Three Rivers	86	13.6
VLO	Mereaux	122	7.8
VLO	Houston	198	6.5
VLO	Texas City	219	10.2
VLO	St. Charles (Norco)	209	16.3
VLO	Corpus (E+W)	285	12.1
VLO	Port Arthur	394	10.5
PBF	Chalmette	187	10.7
XOM	Baton Rouge	497	12.2
XOM	Baytown	555	13.7
XOM	Beaumont	341	12.3
CVX	Pascagoula	340	18.0
CVX	Pasadena	110	7.6
RDS	St. Rose, LA	44	2.1
RDS	Deer Park	323	11.1
RDS	Norco	229	8.9
RDS	Convent	239	9.7
Motiva	Port Arthur	603	13.4
CITGO	Lake Charles	418	11.6
CITGO	Corpus Christi	155	15.5
FHR	Corpus Christi	298	8.1
Lyondell	Houston	287	12.5
Total SA	Port Arthur	233	10.7
Delek	Krotz Springs, LA	79	5.8
Calcasieu	Lake Charles	86	1.5
Placid Oil	Port Allen, LA	82	6.8

38% (1,149 MBPD) of MPC's total refining capacity on Gulf Coast

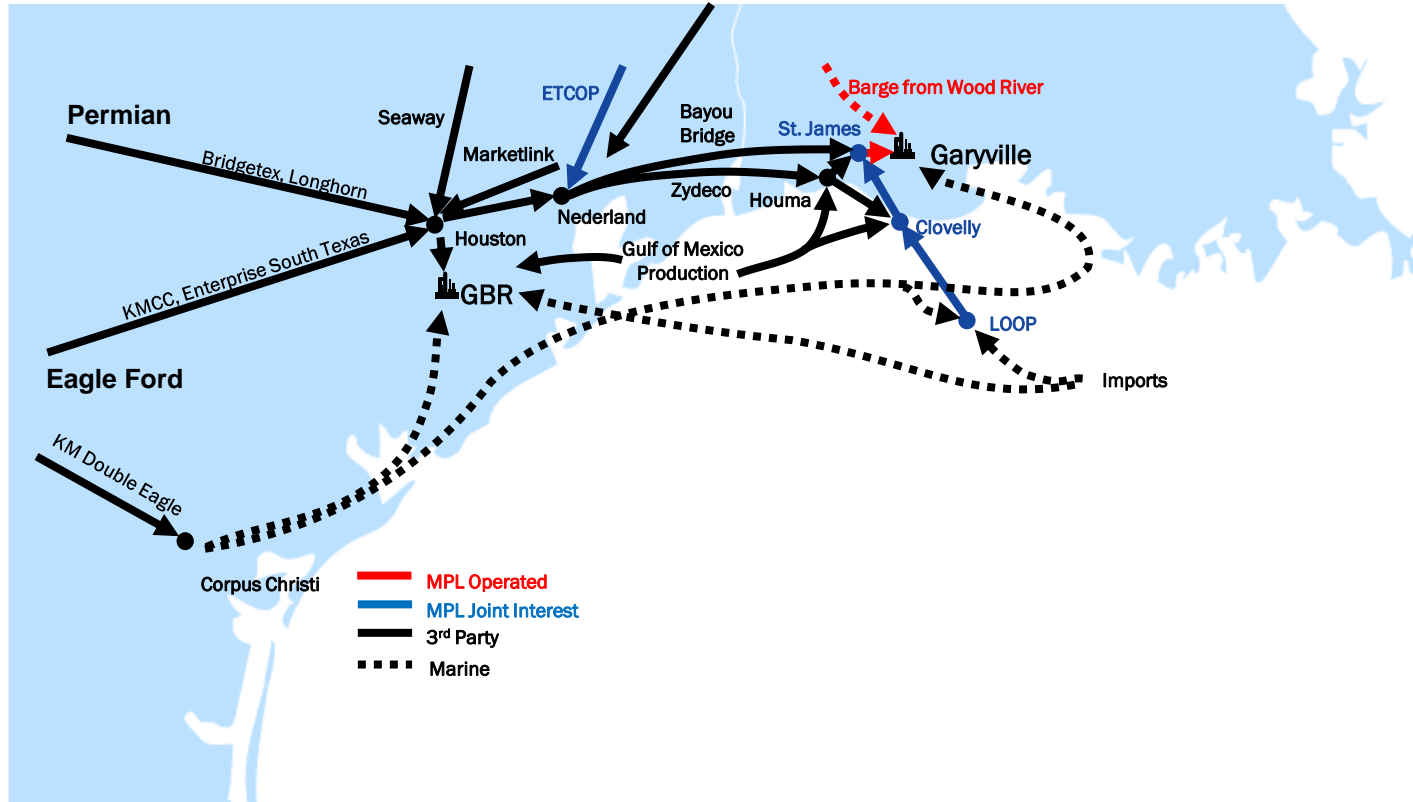
Gulf Coast Market Dynamics – PADD 3



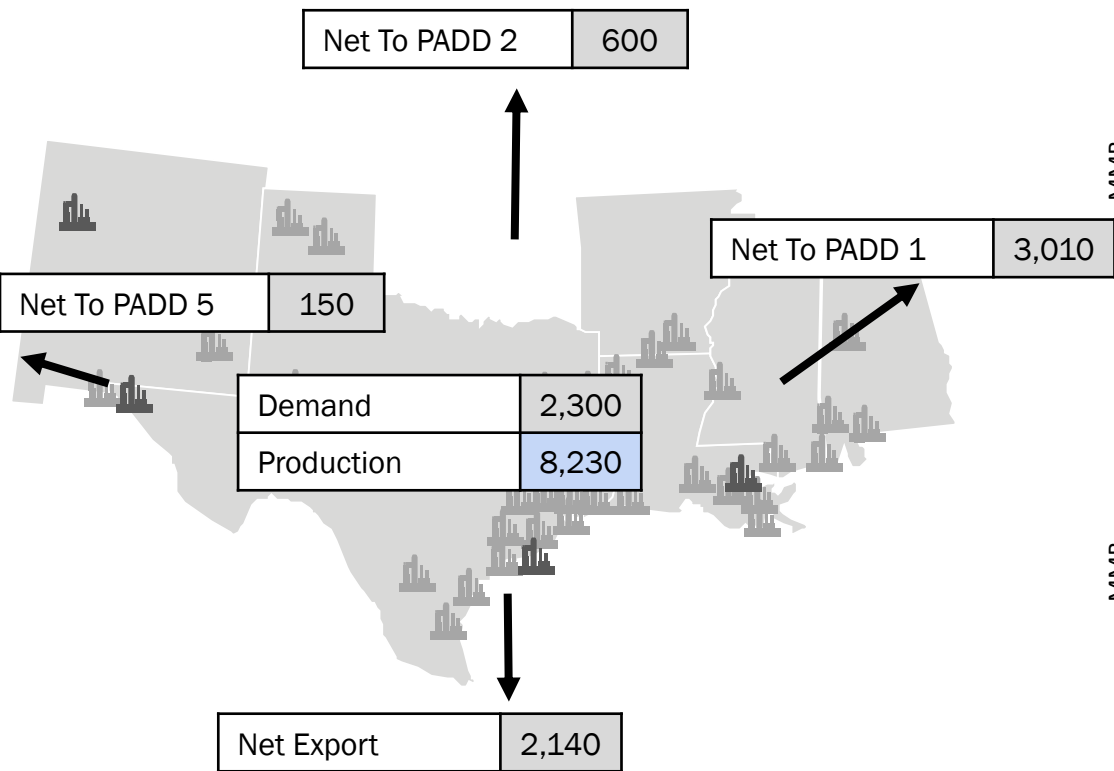
- Largest producer of crude oil
 - Produces nearly 65% of U.S. crude oil
 - Accounts for over 90% of U.S. crude exports
- Net importer of crude oil
 - Reduction of foreign imports in 2018 - 2019
 - Western USGC substitute comes from Permian
 - Eastern USGC substitute comes from GOM, Canada, and Permian
- Net exporter of finished product
 - Supplies over 65% of PADD 1 gas and distillate
 - Accounts for over 90% of U.S. product exports
 - Exports primarily to Mexico and Latin America



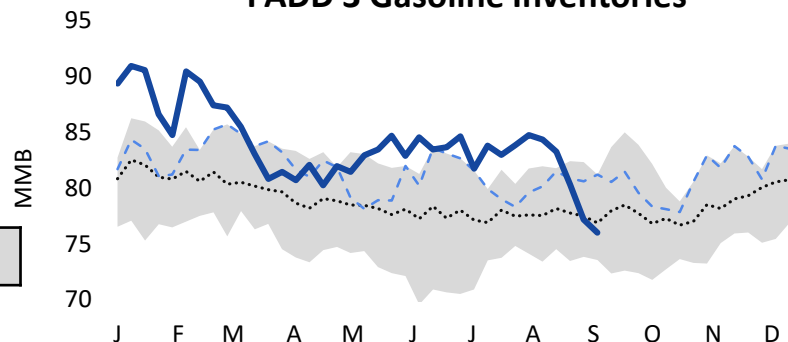
MPC Gulf Coast Supply Logistics



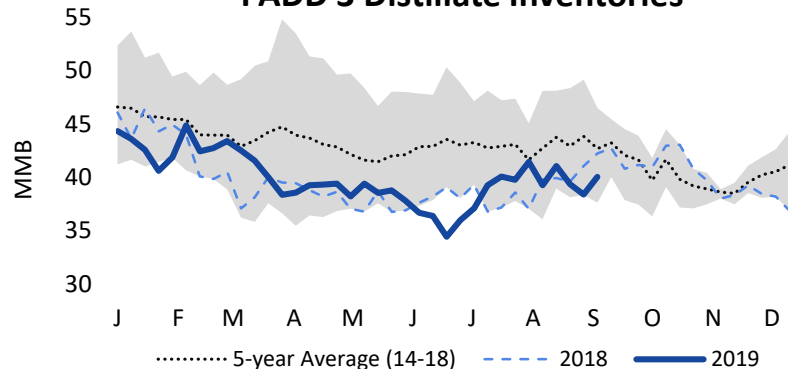
PADD 3 Supply and Demand Balance



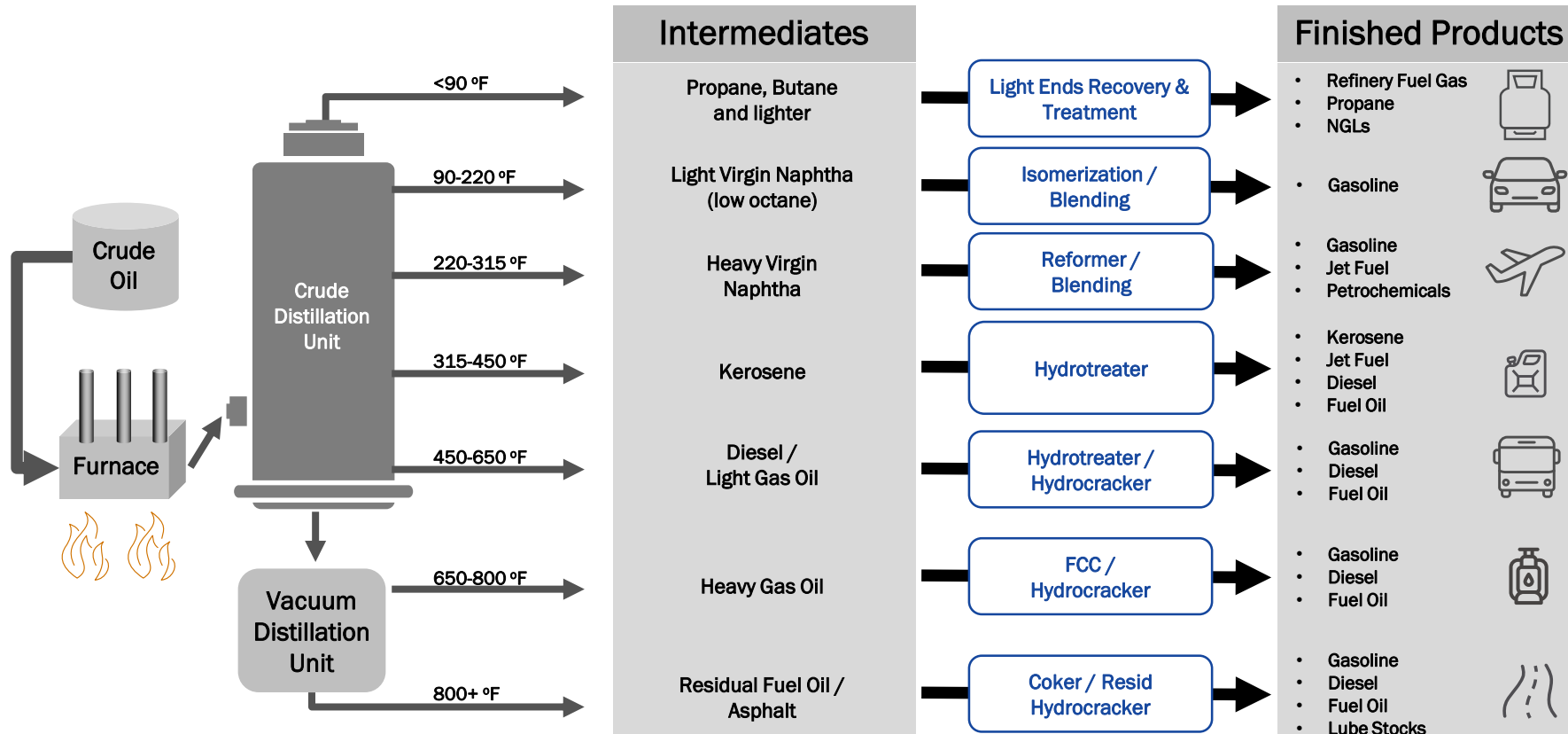
PADD 3 Gasoline Inventories



PADD 3 Distillate Inventories



Basic Refinery Operations

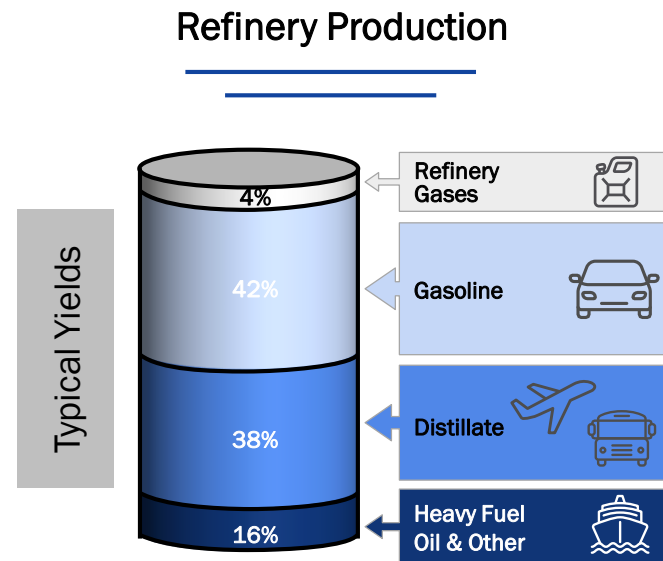
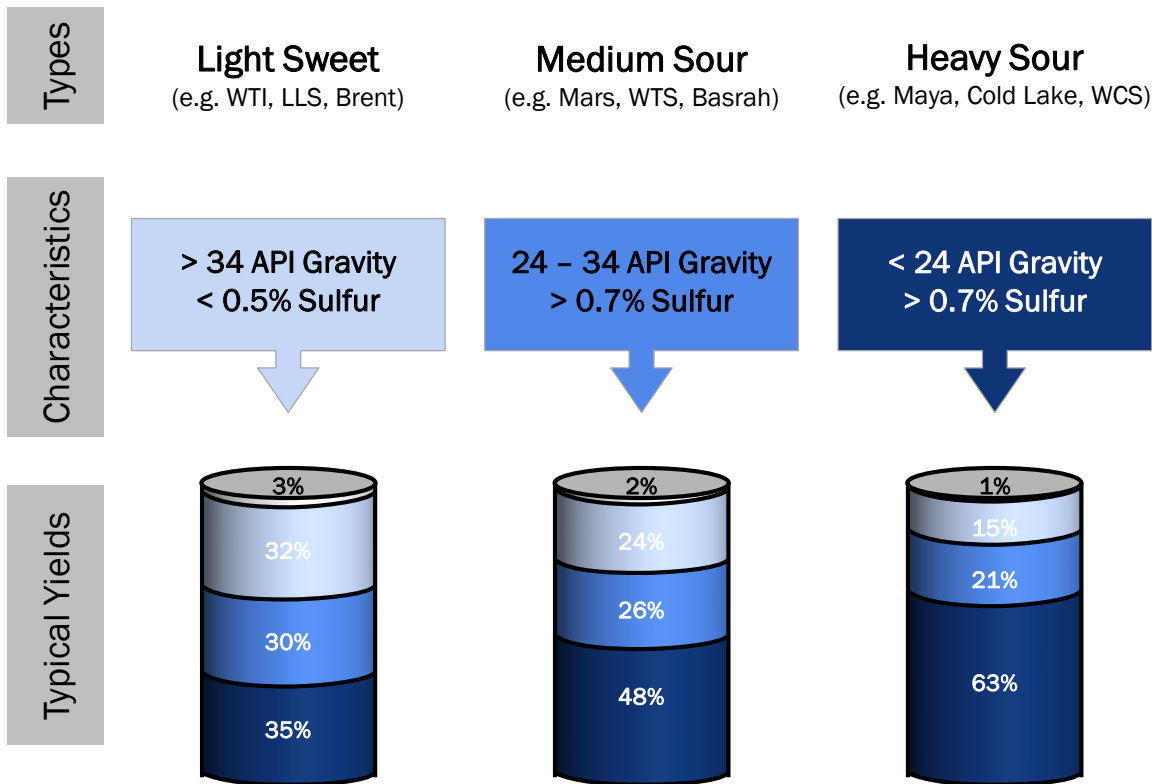


Basic Refinery Operations



Process	Purpose	Units
Separation	Use heat to vaporize and separate hydrocarbon compound via fractionator	<ul style="list-style-type: none">• Crude• Vacuum
Cracking	Converts large hydrocarbon molecules (gas oil and resid) to smaller molecules (gasoline, jet, and diesel)	<ul style="list-style-type: none">• Fluid Catalytic Cracking• Coker• Hydrocracker
Alkylation	Combines molecules (iso-butane) together to produce larger molecules (gasoline)	<ul style="list-style-type: none">• Alky
Reforming	Rearranges molecules to produce desired characteristics (increase octane of gasoline streams)	<ul style="list-style-type: none">• Reformer• Butamer
Hydrotreating	Removes sulfur, nitrogen, and other unwanted molecules in the presence of hydrogen and catalyst	<ul style="list-style-type: none">• Gasoline hydrotreater• Jet hydrotreater• Diesel hydrotreater
Blending	Combines streams of like materials to make finished products	<ul style="list-style-type: none">• Blender• Tank Farm

Crude Oil Characteristics and Yields



Garyville Refinery and Mt. Airy Terminal



Garyville Refinery



Mt. Airy Terminal



Garyville Refinery Overview



- Crude oil capacity: 564,000 barrels per calendar day
- Largest refinery in Louisiana
- Primary crude oils: WTI, GOM, Canadian, Mars
- Significant feedstock purchases: natural gasoline, naphtha, gas oil, sour distillate
- Primary products produced: gasoline, diesel, asphalt, petroleum coke, and propylene
- Major units include:
 - 2 Crude units
 - 1 Isomerization unit
 - 2 Reformers
 - 3 Distillate Hydrotreaters
 - 1 Gas Oil Hydrotreater
 - 1 Gas Oil Hydrocracker
 - 2 Cokers
 - 1 FCC / Alky



Mt. Airy Terminal Overview



- Product distribution terminal adjacent to the Garyville Refinery
- 35 product tanks
- Three-berth dock handling both barges and oceangoing vessels
- Two-bay ethanol truck loading rack



Track Record of Operational Excellence



U.S. OSHA Voluntary Protection Program

23

MPC facilities earned OSHA's highest status



9

Nested contractors earned OSHA's highest status

U.S. EPA Energy Star Awards

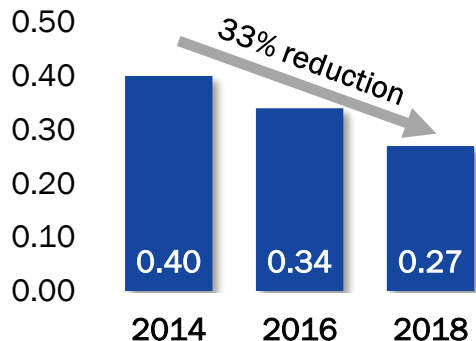
MPC has earned **74%** of EPA's Energy Star recognitions awarded to refineries



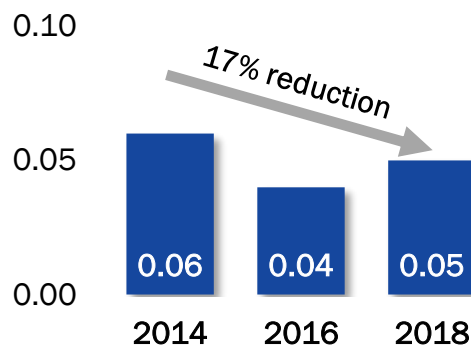
MPC named U.S. EPA Energy STAR Partner of the Year in

2018 & 2019

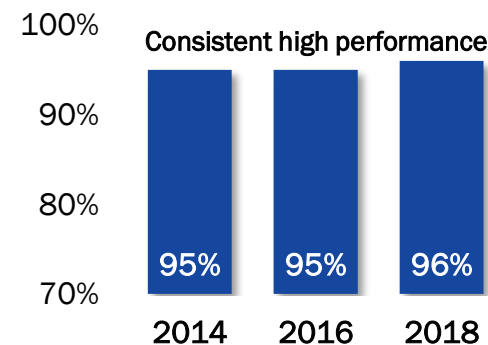
Personal Safety¹



Process Safety²



Crude Utilization



■ MPC Refining

¹Safety performance based on OSHA Recordable Incident Rate for Refining industry ²Tier 1 Process Safety Rates defined within API Recommended Practice 754

