DIESEL DRIVES AMERICA
MARATHON PETROLEUM COMPANY LLC

- PARENT-MARATHON OIL COMPANY
- FIFTH LARGEST US REFINERY (NEARLY 1 MILLION BBLs OF CRUDE CAPACITY)
- MAJOR MARKETS IN MIDWEST AND SOUTHEAST
  - SPEEDWAY/SUPERAMERICA (COMPANY OWNED AND OPERATED) IS THE FOURTH LARGEST NATIONAL CONVENIENCE STORE CHAIN
- LARGE FUEL WHOLESALER
- ONE OF THE LARGEST US ETHANOL BLENDERS
  - JOINT VENTURE WITH ANDERSONS BUILDING AN OHIO ETHANOL PLANT
- 50% OWNER OF PILOT TRAVEL CENTERS
  - LARGEST BLENDER OF BIODIESEL
An Ambitious Agenda

**Detroit**
$300 million expansion complete
(New FEED underway)

**Garyville**
$3.2 billion expansion
Slated for Q4 2009
WHY BUILD A NEW REFINERY?
REASONS NOT TO!

- President's Executive Order calls for 20% reduction gasoline consumption
- New CAFÉ standards will decrease gasoline demand growth
- Congress has proposed windfall profits on refinery/oil company profits
- Crude oil will become more expensive and difficult to process
- European refinery excess gasoline production is expected to grow
GASOLINE AND DIESEL DEMAND FORECASTS

EIA PROJECTED GASOLINE AND DIESEL DEMAND

BILLION GALLONS PER YEAR


GASOLINE
DIESEL
GASOLINE 20 IN 10
DIESEL 20 IN 10
WHY BUILD A NEW REFINERY?
REAL REASONS!

- US AND WORLD TRANSPORTATION FUEL DEMAND WILL CONTINUE TO RISE

- NEW REAL WORLD CAFÉ STANDARDS WILL BE LOWER THAN THOSE DISCUSSED AND TAKE 15 YEARS TO BECOME COMPLETELY EFFECTIVE

- CANADA IS THE LARGEST IMPORTER OF CRUDE OIL TO US AND WILL BECOME EVEN LARGER WITH NEW OIL SANDS DEVELOPMENT
  - LOW TRANSPORTATION COSTS
  - CAN BE CONFIGURED TO SPECIFIC REFINERIES

- EUROPEAN REFINERY SYSTEM WILL NOT MEET PROJECTED DIESEL DEMAND

- WORLDWIDE DIESEL IS THE PRIMARY TRANSPORTATION FUEL
WHY BUILD A NEW REFINERY?
MORE REASONS!

• CORN BASED ETHANOL DOES NOT DISPLACE VERY MUCH IMPORTED CRUDE OIL (1-3%) AND IS A VERY EXPENSIVE REPLACEMENT FOR CRUDE OIL ($200-300 PER GALLON ABOVE CRUDE OIL)

• CELLULOSIC ETHANOL TECHNOLOGY IS AT LEAST 10 YEARS AWAY FROM ECONOMIC PRODUCTION AND ONCE IT REACHES PRICE PARITY WITH CORN BASED ETHANOL WILL HAVE THE SAME ECONOMIC DISADVANTAGES

• RENEWABLE DIESEL PROCESSED THROUGH REFINERY UNITS IS MUCH MORE COST EFFECTIVE THAN FAME BIODIESEL PRODUCTION

• THE REALITY IS THAT THE WORLD AND THE US WILL NEED MORE REFINERIES AND MORE BIOFUELS PRODUCTION TO MEET TRANSPORTATION FUEL DEMAND GROWTH.
Marathon Petroleum Company Operations

- Refineries
- Pipeline
- Terminals
- Inland Water Terminal
- Coastal Water Terminal
Garyville 180,000 B/D Expansion

- 1.5 billion gallons of gasoline a year
- 1.2 billion gallons of distillate
- Leverages our most efficient and profitable downstream asset
- Significant process configuration synergy with existing refinery
- Competitive returns across the refining margin cycle
- Access to world markets for crude supply and product distribution

**Unit Design Size**

<table>
<thead>
<tr>
<th>Unit</th>
<th>Design Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>44,000 b/d coker</td>
<td></td>
</tr>
<tr>
<td>70,000 b/d hydrocracker</td>
<td></td>
</tr>
<tr>
<td>65,000 b/d reformer</td>
<td></td>
</tr>
<tr>
<td>47,000 b/d kero hydrotreater</td>
<td></td>
</tr>
</tbody>
</table>
Garyville Critical Path

Market Assessment • Project Feasibility
Front-end Engineering and Design
Logistics Systems Study
Vendor Negotiation and Letters of Intent
Heavy Vessel Fabrication Orders
Permit Applications • Bond Financing

Detailed Engineering

Site Work
Unit Foundations

Steel Erection
Marine Construction
Piping
Marine Work
Vessel Delivery

Engineering Complete
Commissioning
Completion & Startup

2006

2007

2008

2009

Job Fair/Skill Needs • Stakeholder Meetings
Hearings • Site Preparation • Dock Modifications
Catalyst Selection • Vendor Contracts
Schedule Fabrication Yards • Board Sanction
Secure Construction Labor • Tankage
Sulfur Disposition • Labor and Material
**Strategic Growth**

**Garyville Major Expansion**

- FEED estimate completed
- Project sanctioned
- Air permit received
- Reactors and early lead time vessels ordered
- Finalizing engineering, procurement and starting construction

*Value creation with long-lived, non-depleting assets*
Garyville Major Expansion

**Project features**

- Heavy/medium sour crude
  - Complete residue conversion via new coker
- Large new heavy gas oil hydrocracker and reformer
  - Complements existing refinery configuration
- Balanced incremental gasoline/distillate output
- Expanded refinery (base + new) cash operating cost structure ~35% lower than U.S. average
- Relatively low capital requirements for logistics, infrastructure, and tankage
MARATHON SEES DIESEL FUEL IN FUTURE