

Refining Outlook for Atlantic Basin, 2008-2020:

Reformer Operations and the Impact on Aromatics Supply

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An Insightful Study Jointly Developed by Hart Energy Consulting's Refining Specialists and DeWitt's Petrochemical Experts.

The role of reformers within refineries of the Atlantic Basin continues to evolve. Demand for gasoline is expected to decline, as more renewable fuels are blended and consumers favor more fuel efficient vehicles. As the world economy recovers, distillate demand is expected to grow, and many refineries' hydrogen supplies will once again be problematically short. This phenomenon should have far-reaching effects on global supplies of benzene, toluene and xylenes. Reformers directly or indirectly account for more than 50% of the Atlantic Basin's benzene production and virtually all of the region's toluene and mixed xylenes.

The study includes production economics for both continuous catalyst regeneration reformers (CCRs) and semi-regenerative reformers, based on products price forecasts provided within the study. An analysis of recent refinery rationalization and pending regulations further limiting benzene content of motor gasoline in the U.S. is also analyzed.

Who should read the report:

Refiners, Petrochemical Manufacturers, Technology Providers, Traders, Investors...

What you will get from the report

- Obtain essential data for your strategic 2011 planning: Reformer competitiveness, margin per region, BTX...
- Understand reformates global supply and demand situation – 3 forecast scenarios: low demand, most likely demand, high demand
- Identify and anticipate aromatics supply & demand imbalances around the world – trade flows, price history and forecasts...

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Topics Covered:

- Refinery Supply & Demand by Region (North America, South America, Europe) 2008-2020
- Regional Reformate Balances by location
- Gasoline (Premium and Regular Unleaded)
- Naphtha
- Distillate
- Trade Flows of Said Products
- Impact of Increased Fuel Efficiency and Consumption of Renewable Fuels on Reformate Demand
- Impact of MSAT II Regulation
- Price History and Forecast for Crude Oil and Previously Mentioned Products. Three Forecast Scenarios: Low Demand Case, Most Likely Demand Case, and High Demand Case
- Octane Values
- Hydrogen Credits/Value
- Aromatics Value Added
- Reformer Economic Results
- Balances from Reformate Competitiveness
- Aromatics Supply and Demand by Region, Including Interregional Trade Flows. (Benzene, Toluene, MX and PX) 2008-2020
- Aromatics Price History and Forecast for Three Forecast Scenarios: Low Demand Case, Most Likely Demand Case, and High Demand Case
- Reformer Competitiveness Index BTX
- Reformer Margin by Region and Process Technology



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