



ACCIAM
Consulting, Training & Research

IMPROVING THE PROFITABILITY OF A GASOLINE MARKETER.

A GASOLINE BLENDING CASE STUDY



Gasoline price
104.2 US\$/b*

Components cost
\$69.62 US\$/b*

Blending margin
\$34.58 US\$/b*

* Argus Fuels and Octane Issue 18-1 (Sample). Friday 5 January 2018 & quality adjustments

AT A GLANCE

Challenges

From a study performed by ACCIAM, a gasoline blend for the Mexican market was calculated at the USGC using a nonlinear optimization system with four different components.

Benefits

Our results show that the difference between the components costs and the price of the final gasoline sold in the USGC can go up to **34.58 US\$/b ***

*We are a **certified AspenTech PIMS®** user as well as a member of the **AspenTech Partner Network**.

OBJECTIVES

Providing fuels with the right specification for a particular market requires the estimation of all interactions of the components blended to create this fuel. This task also requires an economical decision based on these interactions and the prices of the components.

Since this is not an easy task, obtaining **valuable insights** from the results requires the **right expertise**.

SOLUTIONS

Through lineal and nonlinear models, we can put together all the elements required to obtain solutions to your blending operation using AspenTech® technology, the market leader for hydrocarbon manufacturing & optimization software, as well as a simpler and scalable nonlinear blending system.

BENEFITS

By evaluating the components using an optimization system, the blenders can foresee the most valuable blend mixture for each market they are targeting, focus on more profitable markets, assess the value of each individual component of a blend, optimize your logistics and in general make the soundest decisions under different price environments and components availability.

We provide our clients with a scalable solution to thrive in a complex and challenging market.

Contact us at contact@acciam.com

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