

LPTracker

LP Model Accuracy Tracking and Improving

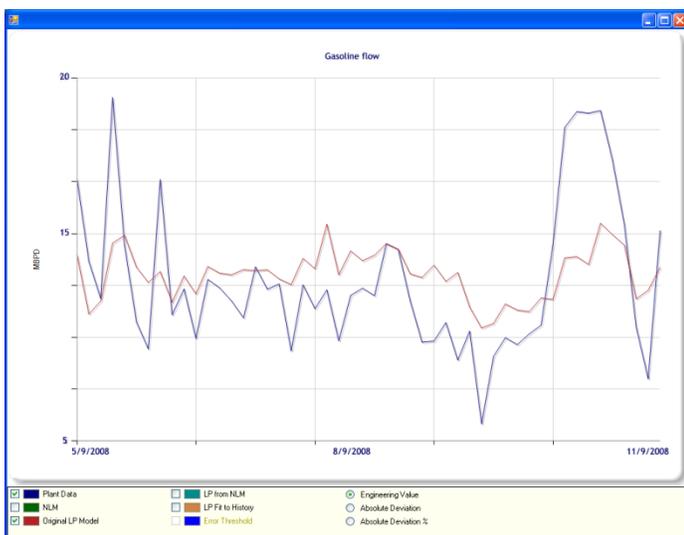
For Refiners who are short-staffed but still need the best possible LP models. AIM's LPTracker is a renewable yearly service for tracking and improving LP submodel predictions versus actual plant performance. AIM will monitor LP predictions periodically and produce an improved set of LP submodel coefficients once a year. Used in conjunction with AIM's LP Assurance Solution, this service provides you with the consistency you need to keep your LP models running well every month of every year, even when you are facing staffing shortages, rotations or retirements.

Maintain Consistency

Each year, refiners do more and more with fewer and fewer people. Refinery staff are constantly rotating through jobs, being pulled off on special projects, and retiring. This constant flux has become the norm, and has lead to a general decline in the upkeep of one of the refinery's most important assets- its Planning LP.

Advanced Industrial Modeling will help you minimize the risk of allowing your LP models to deteriorate in quality. AIM will measure and report to you your LP model, and will provide you with an improved set of LP coefficients once per year.

Figure 1- Old LP prediction vs plant



Increase Knowledge retention

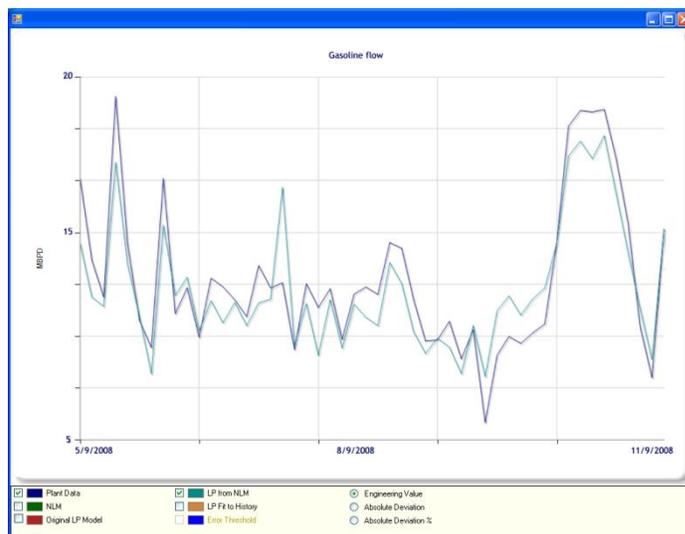
As employees leave the refinery or retire, valuable skills leave with them. Often there is only one person who understands how to keep your LP up to date. Often this person has developed a customized set of work processes and procedures. AIM's LPTracker service, will increase the knowledge retention in this important business area.

AIM will continue using the LP Assurance applications, and keep your LP current, even when your staffing changes or leaves the business.

Increase refinery profitability

A well-tuned LP makes more accurate planning decisions. Typical savings are 25 cents per barrel of crude. For a large refinery, this is 5 million dollars per year of bottom line savings. The benefits result when an accurate LP selects less expensive feedstocks and runs process units closer to optimal conditions, while satisfying product demands.

Figure 2- Improved LP prediction vs plant



Why it's better

- Maintain benefit stream from LP Assurance.
- Keep LP Assurance knowledge in your business.
- Maintain consistency during staffing changes.
- Large bottom-line savings: 25 ¢ per BBL.
- At least 10 / 1 annual benefits / project cost

