

ENERGY SECTOR HYDROCARBON LOSS CONTROL



A multinational integrated exploration and production company was struggling with significant oil losses within several facilities. Trident was engaged to design and implement world-class oil loss reduction programs.

\$39MM
ANNUALIZED PROFIT IMPROVEMENT

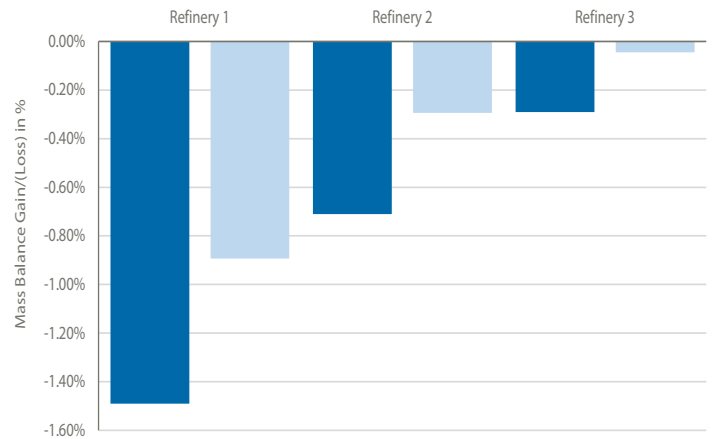
HOW WE MADE IT HAPPEN:

- Significantly reduced mass balance loss across all 3 sites:
 - Designed and installed a process to account for retain amounts on rail deliverables
 - Installed meter control charts to actively monitor all custody transfer meters
 - Improved BS&W testing methods leading to over \$1MM in annual savings
 - Installed meter witnessing and proving schedules
- Improved inventory management leading to a reduction of over \$7.5MM in working capital:
 - Improved reliability of inventory reporting by redesigning monthly tank gauging procedures. Introduced improved meter calibration and maintenance programs
- Implemented improvements to systems and management tools:
 - Installed a gasoline blending dashboard
 - Installed a S&W dashboard to reconcile testing variances with 3rd parties
 - Implemented an inventory management dashboard to manage “Days-on-Hand Inventory” for crude products
- Improved blending process leading to reduced octane give-away:
 - Reduced AKI from 88.79 to 87.99 generating over \$900K in annual savings
 - Installed a blend calculator, boosting reformate yield by over 5%

RESULTS:

The client was able to achieve record results over 54 weeks of project activities. The program achieved 60% average reduction in mass balance losses and provided savings at over \$5.6MM by lowering octane give-away and improving reformer yield.

60% Average Reduction in Mass Balance Losses



We are here to Make It Happen™.

Contact us for a complimentary assessment to help solve your complex business issues at info@trident.com.