

VCM PLANT DEBOTTLENECKING STUDIES



WHERE?

Petrochemical facility in Lake Charles, LA, USA

WHY?

Challenges Addressed

- Old plants, limited documentation

Goal

- To expand VCM production capacities at two facilities

Engagement

- VCM plant expansion study

RESULT

Benefits Realized

Proposed modifications to handle the expansion loads

Suggested schemes to minimize the compressor loads

Improved equipment availability and reliability - Asset performance management

Annual savings of US\$ 2 Million

SOLUTION AND EXPERT SERVICES DEPLOYED

- Analysis based on custom simulation model developed in Aspen Plus, tuned to existing plant operational data.

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