

PINCH STUDY OF PREHEAT EXCHANGERS



WHERE?

Crude Oil Refinery, in Mumbai, India

WHY?

Challenges/issues being addressed

- No immediate capital expenditure possible. Identification of maximum possible preheat using existing preheat system, with its limitations.

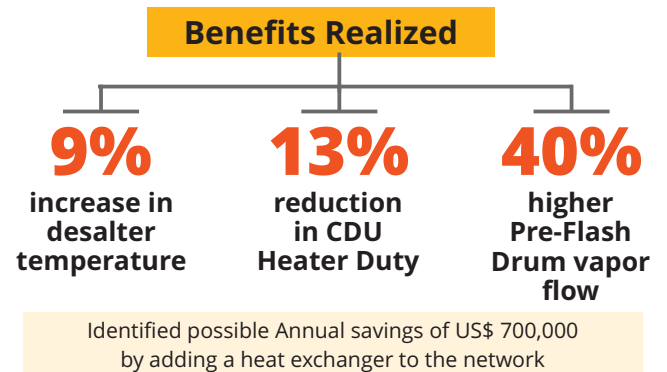
Goal

- Pinch study of Crude Preheat exchangers

Engagement

- Crude Preheat Maximization

RESULT



SOLUTION AND EXPERT SERVICES DEPLOYED

Developed simulation model, created existing HEN in Aspen Energy Analyzer and explore different HENS using Pinch principles for preheat maximization

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