

Reliability in Refinery & Petrochemical



iCenter™

European refinery experienced costly reliability and availability issues with its gas turbine, steam turbine, and centrifugal compressor.

~\$30M

in production losses that could have been mitigated if the customer had subscribed to Baker Hughes RM&D

~\$1M

saved by our outage mitigation (20% shorter steam turbine outage)

Case overview



European refinery

Technologies:

- Gas turbine
- Centrifugal compressor
- Steam turbine

Maintenance contract

- Multi Maintenance Program (MMP)



Issues/impacts

Issues

- Turbine trips

Impacts

- Production losses
- Higher maintenance costs
- Flaring



Solutions

Drivers

- Unplanned outage avoidance
- Proactive support
- Faster startup

Offering:

- OEM Asset Health (RM&D)
- OEM Asset Strategy (Maintenance Optimizer)



Value

Customer investment

- ~\$850K

Customer benefit:

- ~\$1.1M saved by outage mitigation over two years