

# Enerflex in Action



## 3,500 TR PROPYLENE REFRIGERATION FOR A REFINERY

Middle East

### Built to withstand tough climate conditions.

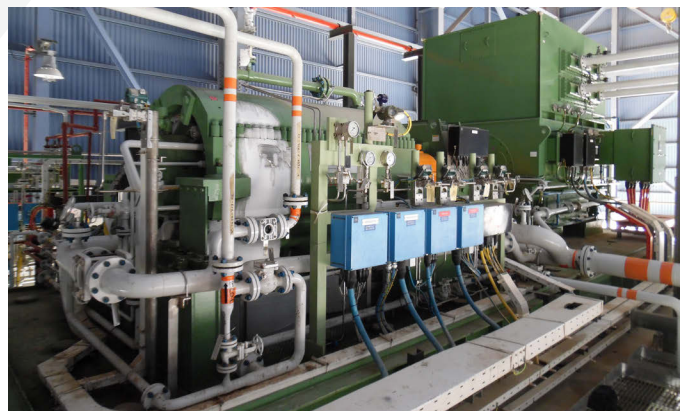
Enerflex engineered, designed, manufactured, and commissioned this stick-built 3,500 TR (12.3 MW) propylene refrigeration system, for deethanizer condenser application at a customer's refinery in the Middle East. The system included:

- One API617 centrifugal compressor drivetrain, driven by a 12,000 HP (9 MW) electric motor;
- Water-cooled condenser;
- Receiver;
- Process chillers; and
- Knock-out drums.

This solution is installed in a refinery in the Middle East and designed to comply with strict API codes and regulations, and extreme environmental conditions.

### The Refrigeration Experts

As experts in fully modular and stick-built turnkey design solutions, our proven history and success in refrigeration systems spans the globe.



### OUTCOME

Due to the size and installation location, as well as customer preference, Enerflex used a stick-built design for the refrigeration system. Enerflex engineered the complete system within the battery limits, including interconnecting piping.

With all turnkey stick-built solutions, Enerflex offers the engineering, design, equipment, material supply, and manufacturing — with an option for onsite construction. Positioned as a global leader in the refrigeration industry, Enerflex possesses the in-house capabilities, experience, and know-how to provide end-to-end project solutions.

# Transforming Natural Gas to Meet the World's Energy Needs

