PRICO-DMR® Technology

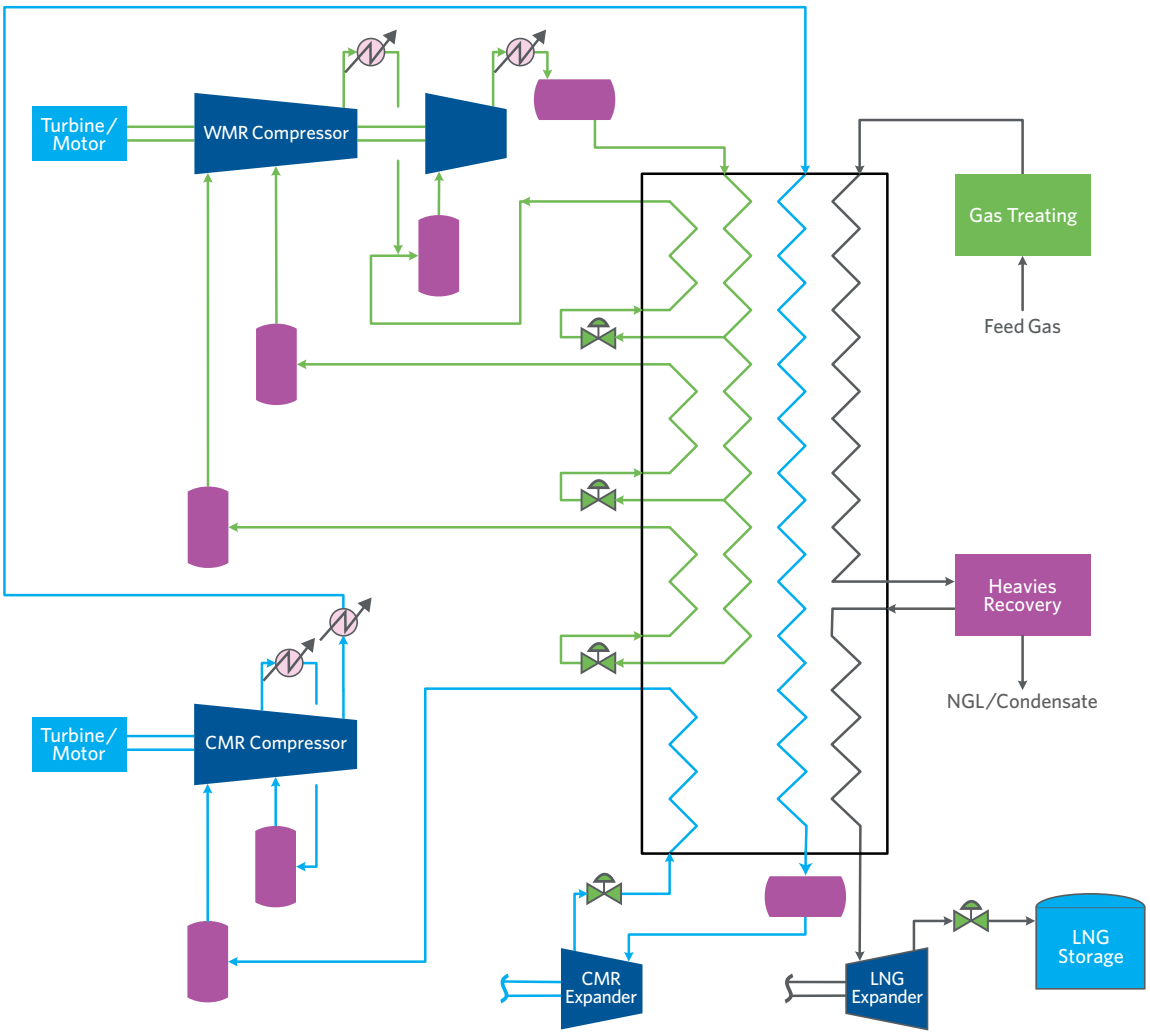
EFFICIENCY WITH DUAL MIXED REFRIGERANT

BUILDING A WORLD OF DIFFERENCE®

BLACK & VEATCH

Efficiency Driven Solution

Mixed refrigerants enhance LNG technology by matching the composite cooling curves of natural gas liquefaction. Dual mixed refrigerant systems allow for higher capacity design. Black & Veatch's PRICO-DMR® technology captures these advantages in one LNG solution.



BLACK & VEATCH LNG EXPERIENCE

- 50+ Years of LNG
- 30+ Operational LNG Plants worldwide
- 175 MM Tonnes LNG produced
- 7 LNG process related patents

BLACK & VEATCH AT A GLANCE

- 11,000+ Global workforce
- More than 110 global offices

BLACK & VEATCH ADVANTAGES

- Proven track record
- Seamless LNG-to-market solutions
- Single point lump sum responsibilities
- Full complement of EPC services
- Global sourcing for lowest cost
- Fast track execution
- Professional start-up support
- State-of-the-art training
- Technology know how
- Process performance guarantees

BLACK & VEATCH PROPRIETARY TECHNOLOGY ADVANTAGES

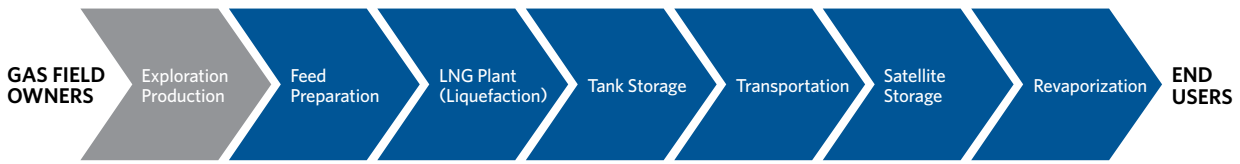
PRICO-DMR® provides all of the same equipment types and functionality as PRICO®.

PRICO-DMR® is based on EMR Technology licensed from ExxonMobil Upstream Research Company.

	PRICO®	PRICO-DMR®
Train sizes	≤ 1.5 MMTPA	≤ 3.5 MMTPA
Scalable by addition of multiple trains	●	●
Simplicity	●	●
Efficiency		
Mixed hydrocarbons refrigerants	●	●
# of refrigerant loops	1	2
Less plot space than competing technologies	●	●
Capital investment		
Lower capital than competing technologies	●	●
Minimal stainless steel equipment/piping	●	●
Balance of power for common driver selection	N/A	●
Flexibility		
Accommodates variation in feed gas composition and flow rate	●	●
Safe and reliable operation	●	●

LNG VALUE CHAIN

Black & Veatch Offerings



Let's get started. **bv.com/contact-us**

© Black & Veatch Corporation, 2019. All Rights Reserved.
The Black & Veatch name and logo are registered trademarks of
Black & Veatch Holding Company. REV 2019-12