

Enerflex in action

Egypt

160 MMSCFD turnkey natural gas early production facility

What's four months of additional
production worth to you?

Enerflex's turnkey solution leveraged its full range of in-house capabilities to custom design, fabricate, procure, construct, commission, and start-up a 160 MMSCFD turnkey natural gas processing facility in Egypt with capacity of 5,000 BBL/D condensate and 3,000 BBL/D of LPG. The Enerflex designed liquids extraction process uses mechanical refrigeration and glycol injection for natural gas hydrocarbon and water dew point depression. The plant also features heat-medium and fire-water systems, a control system, plus a product storage and distribution system.



Outcome

Enerflex's single-source capability allowed the completion of the two-stage early production facility, moving from project award to first gas within 18 months – four months ahead of schedule.

Stage one brought natural gas and condensate production on-stream, allowing the facility to generate revenue during the second stage of construction. Stage two prepared the facility for full LPG production, with a molecular sieve dehydration turbo-expander and fractionation towers, equipped with deethanizers, debutanizer, and condensate stabilization units. This staged approach provided the customer with four months of additional cash flow during a period of heavy capital spending.