



## Global resources to overcome your toughest processing challenges

### Production and Processing Products

- Natural Gas Processing
- Amine Sweetening
- Molecular Sieve
- TEG Dehydration
- Mechanical Refrigeration
- HC Liquids Fractionation
- SAGD Modules
- CO<sub>2</sub> Removal
- Turbo Expanders
- Evaporator and Crystallizer Units
- LPG Extraction
- Inlet Separation / Filtration
- Indirect Fired Heaters
- Heavy Oil Processing

### Project

Enerflex was hired to design, engineer and construct a 70 mmscf/d hydrocarbon dewpoint and dehydration control (HCDP and Dehy) facility. The job was made more complex by field conditions that required it to handle wet CO<sub>2</sub>, which is extremely corrosive.

### Location

Pakistan

### Result

Enerflex's engineering team developed a custom process and mechanical design to equip the HCDP and Dehy facility for processing wet inlet gas containing three percent CO<sub>2</sub>. The facility's design also featured a TEG Dehydration Unit with 1.5 lbs of H<sub>2</sub>O per mmscf/d capacity, an SST-lined inlet separator and a J-T valve to reduce the gas pressure from 900# ASME to 600# ASME.

Enerflex commissioned the HCDP and Dehy facility on-time using skid-mounted units that reduced the time to first gas as well as installation costs. The customer was extremely pleased with Enerflex's performance on this project and has ordered additional HCDP and Dehy facilities for future field-development phases.