

ENERFLEX

The Single Source



70 MMSCF/D HYDROCARBON DEW POINT AND DEHYDRATION CONTROL FACILITY, PAKISTAN

Global resources to overcome your toughest processing challenges

PROJECT OVERVIEW AND CHALLENGES

Enerflex was required to engineer, design, and construct a 70 mmscf/d hydrocarbon dew point (HCDP) and dehydration control facility in the remote northern frontier of Pakistan. The job was made more complex by field conditions that required it to handle wet CO₂ which is extremely corrosive.

UNIT LOCATION

Karak, KPK, Pakistan

ENERFLEX SOLUTION

Enerflex's engineering team developed a custom process and mechanical design to equip the HCDP and dehydration facility for processing wet inlet gas containing three percent CO₂. The facility's design also featured a TEG dehydration unit with 1.5 lbs of H₂O 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 dehydration 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 dehydration facilities for future field-development phases.

CONTACT DETAILS

ENERFLEX

12th Floor, Barclays Tower A
Al Jazira, Muroor Road
Abu Dhabi, UAE

+971.2.497.9100

info@enerflex.com

www.enerflex.com

