

COMMERCIALIZATION OF “STRANDED” GAS & MITIGATION OF FLARED GAS

PROJECTS

McGuffy offers EPC (Engineering, Procurement, Construction) services in the commercialization of Marginal Gas Fields, “Stranded” Gas and the mitigation of flared AG (Associated Gas on an oil production facility):

- Gathering pipelines and Compression to tie one or more wells to a CPF (Central Processing Facility)
- Gas Processing and Treating Plants to extract liquid Hydrocarbons for LPG (Cooking Gas)
- Systems to deliver LNG and/or CNG (Compressed Natural Gas), to markets, including for use as LPG (Cooking Gas etc); in power plants; or as vehicle fuel
- Power Plants fueled by “dry” natural gas/Dual Fuel, supplying power for the CPF, water and waste treatment facilities, and the surrounding community



EPC SERVICES

- Conceptual Design for a proposed project to determine the basic parameters of a project
- Feasibility and FEED (Front End Engineering Design) Studies to develop Budgetary Costs and Basic Engineering for a Proposed project – involving Process and Mechanical Design, Civil Engineering and I&E/Control Engineering
- Detail Engineering Design
- Procurement of Major Equipment
- Freight Forwarding & Shipping Management
- Supervision of Construction, Plant and Equipment Installation, and Commissioning
- Operations & Maintenance Plant Management if required

PACKAGED EQUIPMENT

- LPG (Cryogenic) Processing Plants and Dew Point Gas Conditioning Plants (custom-designed and Client-optimized)
- Gas Compression
- Power Packages based on Rolls-Royce Allison 501 Series Gas Turbines, 2.2 MW and 3.9 MW
- Larger Power Packages (Multiples of units up to 125 MW) and CoGen Packages (HRSG – Heat Recovery Steam Generators)
- Multiple Power Trains based on the above

