



# International Gas Project Evaluation

Thank you for completing the information about your prospective project. We will rely on this information for preliminary analysis for the potential of your application in order to quote you. *If actual data is not available, please indicate estimates with an \**.

**1 Project Information**

Company: \_\_\_\_\_ Contact Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

**2 Site Information:**

Project Description: \_\_\_\_\_

Project Development Stage: (check all started):  
 Feasibility  Planning  Funding  Design   
 Engineering  Construction  Operational

Does source flow 24/7 all year? If not, explain  
 \_\_\_\_\_

**3 GAS COMPOSITION (% OF GAS MUST = 100%)**

Methane: \_\_\_\_\_ Nitrogen: \_\_\_\_\_ Ethane: \_\_\_\_\_

Propane: \_\_\_\_\_ Butane: \_\_\_\_\_ CO2: \_\_\_\_\_

Other Gases + %: \_\_\_\_\_

\_\_\_\_\_

If you do not know the composition of your gases, we will run the calculation based on reasonable assumptions for clean natural gas.

**4 INLET Pipeline Conditions**

INLET Temp (usual max is 250°C): \_\_\_\_\_ °C

Pressure (usual max is 40 BarA): \_\_\_\_\_ BarA

Flow Rate: \_\_\_\_\_ Nm<sup>3</sup>(normal meters cubed)  
 Per Minute  Per Hour  Per Day

Normal Conditions = Temp \_\_\_\_ C° Pressure \_\_\_\_ BarA

**5 OUTLET Pipeline Conditions**

OUTLET Temp: (usual min is -20°C): \_\_\_\_\_ °C

Pressure (usual min is 0 BarA; Min Pressure Ratio of approx. 2:1):  
 \_\_\_\_\_ BarA

What is the coldest temperature that you will accept your gas?\*

\_\_\_\_\_ °C

**6** Will you be using the process cold refrigeration that is a by-product? YES  NO  POSSIBLY

Do you have waste heat nearby? YES  NO  POSSIBLY

**VERY IMPORTANT to calculate payback period** Currency Type: \_\_\_\_\_

Highest Average Electrical Cost \_\_\_\_\_ per kWh\*\* Cost per Million BTU of gas: \_\_\_\_\_ (per MMBTU)

**\*\* To determine your true cost of power, take your total bill and divide it by the kilowatt hours used**

**7 REASON FOR PURCHASE (Check all that pertain to your company's needs)**

Energy Efficiency \_\_\_\_ Tax Incentives \_\_\_\_ Pressure Control \_\_\_\_ Energy Savings \_\_\_\_ Carbon Credits \_\_\_\_

Process Cooling \_\_\_\_ Emission Reduction \_\_\_\_ Increase Revenue & Profits \_\_\_\_

Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

**NOTES:**