Greenlane™
Biogas Upgrading Solutions

Client Data Form

Greenlane is the global leader in biogas upgrading with 35+ years of experience including 140+ biogas upgrading systems in 19 countries. And, as the only provider to offer all 3 upgrading technologies (water wash, PSA & membranes), only Greenlane offers unbiased technology comparisons and multiple technology solutions - ensuring the best and most cost effective solution for every project, every time.

Today's Date:

Please Quote By:

Contact Information

Name & Title

Phone

Company Name

Email

Project Information

Site or Project Name

New Project Existing Site

Project Partner(s)

Expected Contract Date

Source of Biogas Waste Water Agricultural Landfill Other

End Use Pipeline Injection CNG Fueling LNG Fueling Other

Project Status Feasibility Study Budgeting Bid Phase RFP Attached

Feedstock Agreement In Progress Obtained n/a

Offtake Agreement In Progress Obtained n/a

Permit Approvals In Progress Obtained n/a

Financing Approval In Progress Obtained n/a

Site Conditions

Project Location (City, Country)

Ambient Temp to °C °F

Elevation masl fasl

Power Supply V Ph Hz

Installation indoor outdoor

Raw Biogas Conditions

Basis of Data Test Results Estimated

Gas Composition Dry Basis Wet Basis

Inlet Flow Reference 0°C 20°C

	Min	Avg	Max		
Inlet Flow				Nm³/hr	scfm
Inlet Pressure				mbarg	psig
Inlet Temperature				°C	°F
Methane (CH_4)				mol %	
Carbon Dioxide (CO_2)				mol %	
Nitrogen (N_2)				mol %	
Oxygen (O_2)				mol %	
Water Vapor (H_2O)	Saturated			mol %	
Hydrogen Sulfide (H_2S)				ppmv	

Total VOCs ppmv mg/m³

Total Siloxanes ppmv mg/m³

Other

Digester Injection Air O_2 n/a

Gas Analysis Attached Yes No

Outlet Gas Specifications

Quality Specification ☐ ○ Specification Attached

Min Methane (CH_4) ☐ mol % Maximum H_2S ☐ ○ ppmv ○ grains/100 scf

Max Carbon Dioxide (CO_2) ☐ mol % Max Total Siloxanes ☐ ○ ppmv ○ mg/m^3

Max Nitrogen (N_2) ☐ mol % Max Water Vapor ☐ ○ ppmv ○ lbs/MMscf

Max Oxygen (O_2) ☐ mol % Required Pressure ☐ ○ barg ○ psig

Max Total Inerts ☐ mol % Max Temperature ☐ ○ °C ○ °F

Min Wobbe Index ☐ Virtual Pipeline / Tube Trailers ○ No ○ Yes

Min Heating Value (HHV) ☐ ○ MJ/m^3 ○ BTU/scf

Scope of Supply

Please include or exclude the following balance of plant items:

Inlet Gas Blower(s) ○ Include ○ Exclude

Exhaust Gas Treatment ○ Include ○ Exclude

H2S Reduction ○ Include ○ Exclude

Control Enclosure(s) ○ Include ○ Exclude

Siloxane & VOC Reduction ○ Include ○ Exclude

Process Enclosure(s) ○ Include ○ Exclude

Booster Compression ○ Include ○ Exclude

Other ☐

Additional Notes

Please outline any space or height limitations, existing upstream or downstream gas processing equipment, turndown required, etc.

Save

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