



Anaerobic Digestion

SCS ENGINEERS

The SCS Advantage

As a national leader in biogas to RNG processing, SCS has the knowledge, infrastructure, and resources to complete any major anaerobic digestion project. We can take you from feasibility through operation and maintenance of your facility.

Design-Build and Consulting Services

AD Due Diligence/Feasibility Study

- Initial project assessment.
- Early focus on resource allocation, technology and design considerations, biogas projections, operating and capital cost estimates.
- May require site visit/assessment.

Material Testing and Characterization

- Before engineering and design stages, it is strongly suggested to test and characterize the feed substrate for its anaerobic digestion potential. SCS can orchestrate the complete testing and analysis of any potential feed.

Economic Modeling

- Referencing the project's mass and energy balance, economic potentials can be predicted using the most recent variable costs, and state and federal incentives (RINs, LCFS, etc.).

AD Engineering and Process Design

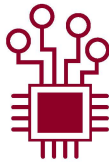
- Mass and Energy Balance
- Process Flow Diagrams (PFDs)
- Piping and Instrumentation Diagrams (P&IDs)
- Equipment and Instrumentation Lists
- Functional Design Specification (FDS)
- Vessel and Layout Drawings
- Revised CAPEX and OPEX projections

Process Optimization and/or Plant Retro-fitting

- Performance optimization, consulting, analytical testing and analysis.
- Engineering and design for plant upgrades, retro-fits, or new technology installations.
- Providing consulting for underperforming facilities or for optimization opportunities.



**We know
the science**



**We are
technology
agnostic**



**We offer
life-cycle support**

Engineering for ALL Solutions

Full service anaerobic digestion engineering, design, construction management, and operation

Biogas clean-up for RNG or electricity generation

Digestate processing and engineering

Biosolids/liquid separation

Wastewater treatment

Biosolids processing into value-added by-products

Land application fertilizers

Soil amendments

Livestock bedding

Bio-char via pyrolysis

Thermal heat via gasification

Waste stream management services

Contact Info

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