# **Engineering Design Solutions for the Biofuels Industry**



Comprehensive Engineering Advantage

Facility Engineering Services, PA is a process centered engineering firm that specializes in the design and planning of industrial and agri-industrial processing facilities, including biofuels facilities. Our company has been involved in a number of agri-industries, including biomass and biofuels processing facilities. We have the capability to develop novel improvements to your facility. We are able to help you in a number of ways including but not limited to:

- Co-product utilization
- Co-generation heat and power generation
- Process efficiencies
- · Building and plant modifications
- Storage and material handling design

With our business partners we are able to provide process technology and process engineering. We focus on providing results that concentrate on the big picture. We can help with feasibility studies, long range planning, or detail design engineering.

## **Client Advantages**

- Highly experienced staff
- Understanding of industries served
- Extensive plant experience
- Full Service Design



## **Comprehensive Advantage**

- Increased speed of delivery (time saved)
- Better coordination (fewer errors)
- Decreased costs (money saved)
- Greater productivity
- Higher-quality work.



# Capabilities:

- Planning
- Remodeling
- Expansions
- New Facilities
- Cost Determination
- · Site Selection



# **Biofuels Experience:**

- Ethanol
- Biodiesel
- Biomass
- Material storage and handling Systems
- Coproduct Utilization



# **Disciplines:**

- Process Engineering
- Mechanical Engineering
- Electrical Engineering
- Facility Layout and Planning
- Building and Structural Engineering
- Project Management