



**EXHIBIT C - ENERGY**  
Document consists of 7 pages.  
Entire exhibit provided.  
Meeting Date: 12-15-09

**Fulcrum BioEnergy, Inc.**

Nevada Legislative Commission  
Committee to Conduct an Interim Study on the Production and Use of Energy  
December 15, 2009

# FULCRUM'S FOCUSED STRATEGY

## SECURE FEEDSTOCK

- Long-Term Fixed, Zero-Cost Feedstock Supply
- Eliminates Feedstock Cost Volatility
- Increases Operating Cash Flow

## PROVEN TECHNOLOGY

- Innovative, Clean and Efficient Gasification and Proprietary Alcohol Synthesis Process
- Successful Demonstration Unit Testing
- Technology Ready for Commercial Deployment

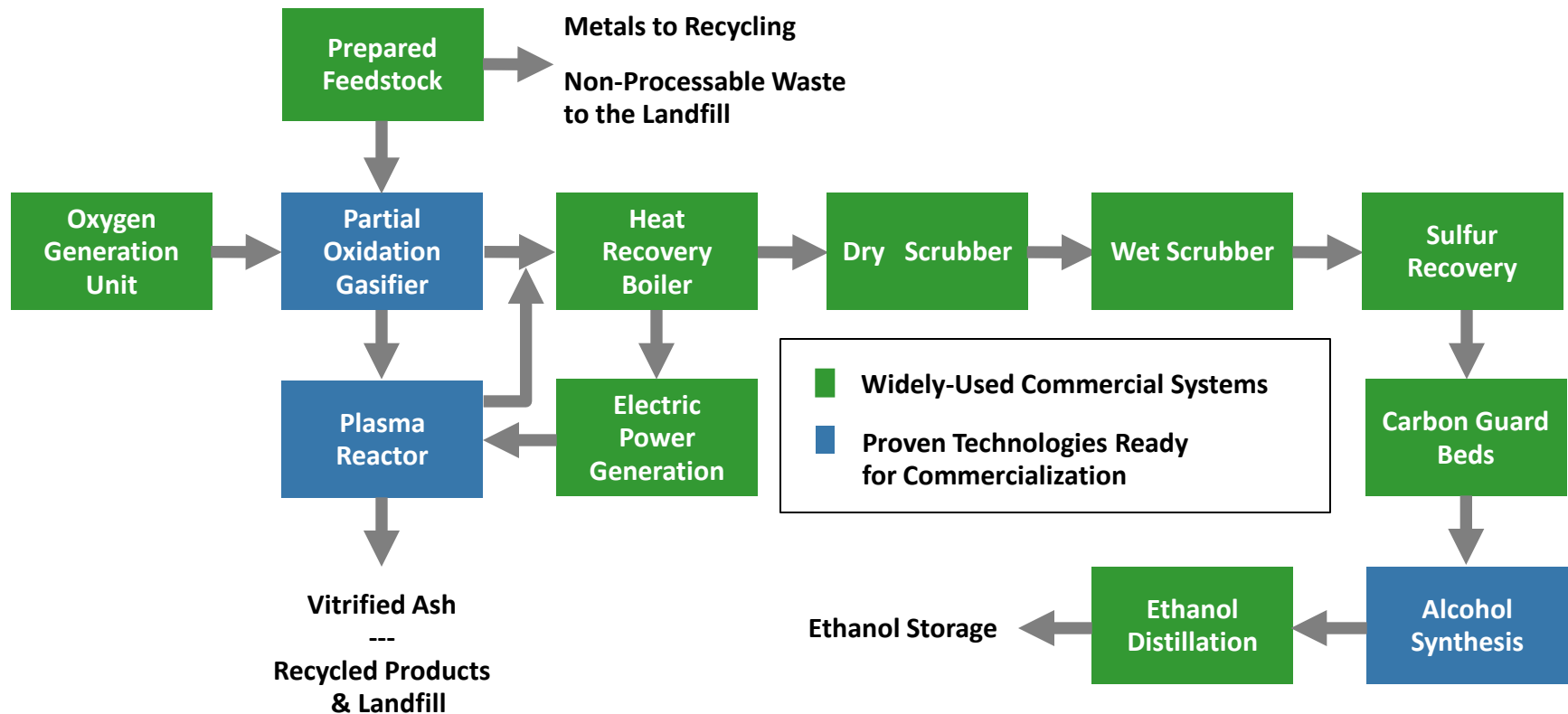
## EXECUTING ON FOCUSED PROGRAM

- Experienced Management Team
- Ready to Begin Construction on First Project
- Huge Development Pipeline – One Billion Gallons of Annual Ethanol Capacity

# ADVANCED TECHNOLOGY PROVE OUT

- Two Step Thermochemical Process – An Innovative, Clean, Efficient and Proven Process to Convert MSW to Cellulosic Ethanol
  - Step 1: Gasifier and Plasma Arc Convert Organic Materials to Syngas
  - Step 2: Proprietary Alcohol Synthesis Process Converts Syngas to 100% Ethanol – A Process Only Possessed by Fulcrum
- Enhanced Energy Balance
- Completed Front-End Engineering Design
- Ready to Begin Engineering, Procurement and Construction Activities
- Fulcrum's Process Reduces Greenhouse Gas Emissions by More Than 75% Compared to Traditional Gasoline Production

# FULCRUM'S PROCESS OVERVIEW



*Nearly Two-Thirds of the Sub-Systems Used by Fulcrum  
are Already in Use on a Commercial Scale*

# SIERRA BIOFUELS PLANT OVERVIEW

## Sierra BioFuels Plant

Storey County, NV



- Excellent Location
  - Tahoe-Reno Industrial Center – 20 Miles East of Reno, NV
  - Close to Waste Stream and Ethanol Blending Facilities
- Estimated Project Cost - \$120 Million
- Capacity
  - 90,000 Processed Tons of MSW Per Year
  - 10.5 Million Gallons of Ethanol Per Year
- Completed Engineering Design Work
- Permits in Place
- Long-Term Feedstock Agreements in Place

## *Fulcrum Brings a New Industry of Green Jobs and Economic Growth to Nevada*

- 490 Contract and Full-Time Staff During 18 Months of Construction
- 53 Full-Time Staff Personnel Once Sierra BioFuels is Operating
- \$120 Million in Capital Investment
- 10.5 Million Gallons of Fuel-Grade Ethanol for Blending in Local Markets
- More than 15 MW of Portfolio Credits from Renewable Energy Self-Generated Entirely for Station Use

# PROFOUND SOCIAL AND ENVIRONMENTAL BENEFITS

- Mitigates Dependence on Foreign Oil
- Creates an Excellent Source of Domestic Renewable Fuels
- Provides a Solution to the “Food vs. Fuel” Concerns
- Reduces Greenhouse Gas Emissions by More Than 75%
  - Lowers Methane Gas Emissions From Landfills
  - Reduces Carbon Emissions From Fuel Products
  - Very Low Emissions Profile From Fulcrum’s Facilities
- Mitigates Need for New Landfills and Greatly Extends Life of Existing Landfills
- Creates a New Generation of Green Jobs

***Fulcrum’s Ethanol Process Will Reduce Greenhouse Gas Emissions by More Than 75% Compared to Traditional Gasoline Production***