

ALICO, Inc.

Corporate HQ: LaBelle, Hendry County, Florida

Proposed Facility Location: LaBelle, Florida

Description:

This company is a major agricultural company that will use an innovative thermochemical technology company that ferments synthesis gas. This thermochemical/fermentation conversion alternative could be suitable to feedstocks that are not easily processed biologically such as wood and wood wastes.

CEO or Equivalent: John Alexander

Participants: Bioengineering Resources, Inc. of Fayetteville, Arkansas; Washington Group International of Boise, Idaho; GeoSyntec Consultants of Boca Raton, Florida; BG Katz Companies/JAKS,LLC of Parkland, Florida; Emmaus Foundation, Inc.

Production:

- Ethanol, electricity, ammonia and hydrogen
- 7 million gallons/year from first unit; second unit at 13.9 million gallons/year, 6,255 KW power plus ammonia and hydrogen (produced based on market requirements including their own use of ammonia as fertilizer).

Technology & Feedstocks:

- Gasification of wood or agricultural residues and fermentation of syngas to ethanol with ammonia and electricity as co-products
- 770 tons/day of yard, wood and vegetative wastes (citrus peel); eventually energycane

State of Readiness:

- Demonstrated an integrated process at pilot small scale for 6 years
- Construction Start: CY 2008; Project completion: late CY 2010