

**Title:** Feasibility of using corn grain to produce heat and electricity for different applications in Alabama

**PI:** David Bransby

**Progress:** The project is not complete, so a no-cost extension is requested.

A micro-gasifier was built and tested with wood shavings as a fuel to run a small engine. This worked well, but when corn was used as a fuel it caused slagging (deposits on the inside of the gasifier). Modifications of the gasifier design are now being made and will be tested shortly. The project should be completed by June 2007.