

BIOFUEL FACILITIES IN LOUISIANA: MARCH 2009 UPDATE

by
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High feedstock prices and lower ethanol and biodiesel prices have caused many projects to be put on hold or cancelled altogether. The table below lists the operating, under construction, and planned biofuel production facilities in the state and their current status. Further details about each facility are given following the table.

Biofuel Production Facilities in Louisiana

Company	Location	Product	Feedstock	Capacity (million gpy)	Status
Allegro Biodiesel Corporation	Pollock	Biodiesel	Soybean oil	12	Shut down
Bionol Lake Providence LLC	Lake Providence	Ethanol	Corn	108	Construction on hold
Dynamic Fuels LLC	Geismar	Renewable diesel	Animal fat	75	Under construction
Greater Baton Rouge Ethanol LLC	Port Allen	Ethanol	Corn	100	Cancelled
Green Earth Fuels of New Orleans LLC	Harvey	Biodiesel	Undecided	86	Construction not begun
Louisiana Green Fuels LLC	Lacassine	Ethanol	Sugar cane, sweet sorghum	22	Under construction
Renewable Energy Group Inc	St. Rose	Biodiesel	Soybean oil	60	Construction on hold
South Louisiana Ethanol LLC	Belle Chase	Ethanol	Corn	65	Construction on hold
Tiger State Ethanol LLC	Convent	Ethanol	Corn	110	Construction not begun
Tiger State Ethanol LLC	Lake Providence	Ethanol	Corn	110	Construction not begun
Verenium Corporation	Jennings	Ethanol	Biomass	Pilot scale	Operating
Verenium Corporation	Jennings	Ethanol	Bagasse, energy cane	1.4	Operating

Allegro Biodiesel ceased producing in 2008 due to economic concerns. In June 2008, the plant was purchased by Consolidated Energy Holdings, LLC with plans to restart production soon. The plant originally began production in April 2006 and is currently producing about 4 million gallons per year (gpy) with an estimated capacity of 12 million gpy. Their primary feedstock is soybean oil.

Bionol Lake Providence, a subsidiary of Massachusetts-based BioEnergy International, is building a conventional, corn feedstock ethanol plant in Lake Providence using technology designed by Delta-T Corporation. Construction on the 108 million gpy facility began in late 2007 and is currently on hold. The company plans to gradually introduce its own proprietary technology into the plant to produce bio-based specialty chemicals and fuels from a wide variety of biomass wastes.

Dynamic Fuels is a joint venture between Tyson Foods, Inc. and Syntroleum Corporation. Tyson will supply animal fats, greases, and vegetable oils that will be converted into renewable synthetic diesel fuel using Syntroleum's proprietary, Fischer-Tropsch based process. The plant will be located in Geismar and have an ultimate capacity of 75 million gpy. Construction began in December 2008 and is scheduled to reach full operating capacity by mid 2010.

Greater Baton Rouge Ethanol is a subsidiary of Baton Rouge-based Shaw Capital. Plans for the plant located in Port Allen on land leased from the Port of Greater Baton Rouge were shelved in July 2008 due to increased feedstock costs that would have rendered the plant unprofitable.

Houston-based Green Earth Fuels subsidiary **Green Earth Fuels of New Orleans** has planned and secured permits for an 86 million gpy biodiesel plant in Harvey at the Kinder Morgan Terminal. Construction has not yet begun.

Louisiana Green Fuels in Lacassine is being built to complement the Lacassine syrup mill. The company is owned by Andino Energy (80%) and a group of Lake Charles cane farmers (20%). The plant will use molasses from sugar cane and newly planted sweet sorghum for feedstock and have a capacity of 22 million gpy. Ground-breaking took place in January 2008, but no completion date has been given.

Iowa-based **Renewable Energy Group** began construction in St. Rose on a 60 million gpy biodiesel plant in June 2007 which they will own and operate. The feedstock will be soybean oil obtained from a large oilseed processing plant located just 2 miles away. Completion of the plant has been delayed.

The former Missalco plant in Belle Chase is being refurbished by **South Louisiana Ethanol** with 50/50 partner Earth Biofuels out of Texas. The refurbished plant will have a 65 million gpy capacity utilizing corn feedstock. The project is under construction but currently on hold due to legal issues surrounding Earth Biofuels in regard to an equipment purchase.

Monroe-based **Tiger State Ethanol** was issued air permits in 2006 to build two 110 million gpy ethanol plants, one in Convent, and the other in Lake Providence. Neither plant has begun construction.

Massachusetts-based **Verenium** (merged from Celunol and Diversa, formerly BCI) operates a pilot scale and a demonstration scale cellulosic ethanol plant in Jennings. The facility was originally an oil refinery that was converted to an ethanol plant in the 1980s. BCI purchased the facility in 1994 and began refurbishing it into the current pilot scale cellulosic plant that began operation in 1999. The demonstration scale plant began construction in February 2007 and started operating in May 2008.