



Iowa Renewable Fuels Association

GREEN Team

Grassroots REnewable Energy Network

Newsletter for renewable fuels advocates

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Genencor Opens Iowa Research Center

Genencor, a division of Danisco, recently completed a \$52 million project to expand its Cedar Rapids enzyme manufacturing plant and add a grain processing application center to the facility. The company held a grand opening event September 16 which was attended by nearly 200 people, including Iowa Governor Chet Culver, who applauded the company for bringing jobs to Iowa.

“This is proof positive that good things are happening in



GENENCOR®
A Danisco Division

Iowa in terms of job creation and economic growth,” Culver said. “Genencor chose our state for reasons we are all familiar with: our high quality of life and our excellent work ethic.”

“This facility represents our tremendous commitment to fuel ethanol producers and carbohydrates processors,” Danisco CEO Tom Knutzen said. “We announced this investment more than a year ago, and today we’re joining our customers, employees and supporters to celebrate its completion.”

The 20,000-square-foot **Grain Processing Applied Innovation Center** will allow Genencor’s fuel alcohol and carbohydrates processing customers to work on solutions to real-world challenges, according to company spokeswoman Jennifer Hutchins. The adjacent enzyme manufacturing facility was expanded to 140,000-square-feet. Progress of the project was not affected by the recent downturn in the ethanol industry, according to Hutchins. “In fact, our grain processing business has been doing very well and experienced healthy growth this past quarter,” she added. “Genencor announced that expansion more than a year ago and has followed through as planned.”

Iowa Senators Join Other Midwest Senators on Biofuel Legislation

Iowa Senators **Charles Grassley** and **Tom Harkin** have joined several other Midwest senators in introducing federal legislation aimed at protecting the region's biofuels industry.

The measures include one that would direct the EPA to allow gasoline to contain up to a 15 percent ethanol blend. Ten percent is the current maximum allowed to be sold in the U.S. The other measure seeks to delay for at least one year a rule proposed by the **Environmental Protection Agency (EPA)** that would

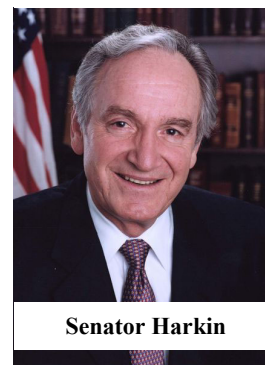
penalize U.S. biofuels producers for decisions made by farmers and governments in other countries.

“The model that the EPA cobbled together to measure indirect land use is far from scientific. It's controversial and isn't supported by the facts,” Grassley said in a statement this week. “It defies common sense that the EPA would try to blame an Iowa farmer for the actions of Brazilian farmers and developers.”

“EPA is already working as fast as it can, along with the Department of Energy, to examine all of the engine testing information so that we can issue an answer to this waiver as soon as possible,” said EPA spokeswoman Adora Andy.



Senator Grassley



Senator Harkin

RFA Finalizing Comments Regarding Proposed RFS2 Regulations

The drive to produce and use more domestic renewable fuels is about energy security, economic opportunity and environmental sustainability. Unfortunately, in its proposed rule for the **Renewable Fuels Standard (RFS2)**, the **U.S. Environmental Protection Agency (EPA)** seems to be ignoring the energy and environmental benefits of this program while it seeks greenhouse gas reductions based on unproven theory.



With the public comment period coming to a close September 25, the **Renewable Fuels Association** recently released comments to be filed with the EPA regarding proposed regulations to implement the expanded renewable fuel standard (RFS) program enacted by Congress in the **Energy Independence and Security Act (EISA)** in 2007.

“Reducing America’s dependence on foreign oil was part of the Energy Security Act, providing economic opportunity and job creation and supporting rural communities were all equally important goals,” said **RFA president and CEO Bob Dinneen** during a press conference to announce the organization’s comments. “We’re concerned that EPA appears to be ignoring those objectives as it pursues greenhouse gas reduction based on unproven theory.”

In specific comments to be submitted to EPA, Dinneen says they will stress that, “International indirect land use change simply should not be included,” Dinneen said. “Congress did not intend to penalize America’s ethanol producers for decisions made by farmers and governments in other countries.”

The RFA also released a report conducted by **Informa Economics** that will be included in comments submitted to the EPA. “It calculates that the land needed to meet the demands of the growing RFS mandate would be in the range of 2.2 million acres,” said Dinneen. “Put in perspective, that is one half of one percent of U.S. crop land, one tenth of one percent of world cropland, and six 100ths of a percent of world arable land – certainly not enough to have any meaningful impact on greenhouse gases across the globe.”

Growth Energy Launches COOL

Growth Energy called on the U.S. Congress and the White House to take action to dramatically enhance the market transparency of the nation’s fuel supply by requiring a national standard of country of origin labeling (COOL) for fuel.

The **Label My Fuel** initiative would create a COOL standard similar to requirements already in place for common consumer items, including apples, beef, cars and coffee. The goal is to help create consumer awareness of the costs and national security implications of the nation’s addiction to foreign oil.

“America’s dependence on foreign oil has a staggering impact on both our national and economic security,” **Growth Energy Co-Chairman General Wesley Clark** said. “Supply disruptions and sudden price hikes have shocked the wallets and pocketbooks of everyday Americans one too many times. The American people deserve to know the truth about the hidden costs of oil: The neighborhood filling station doesn’t pump neighborhood gas – it pumps a product of foreign origin that costs consumers and taxpayers billions of dollars every year. It’s past time for the American people to understand what our dependence on foreign oil costs our country and what they can do to help stop it.” For more information go to: www.labelmyfuel.com

Iowa Clean Cities Coalition Announces New Website for Clean Fuels and Vehicles

The **Iowa Clean Cities Coalition (ICCC)** launched a new website today, focused on providing information about clean transportation technologies. The Coalition’s website provides up-to-date information on alternative fuels and vehicles, fuel economy, hybrids and idle reduction technologies.

“With this new website, we will be able to provide the information necessary for Iowans to help reduce dependence on petroleum-based fuels, said **Brian Crowe, Iowa Clean Cities Coordinator**. “In addition, by increasing the use of biofuels, Iowans can help support a large part of Iowa’s economy and help decrease carbon emissions.”



The Iowa Clean Cities Coalition website will include a variety of information, ranging from weekly fuel prices to funding opportunities at the state and federal level. The website will also provide a new tool that offers Iowans the ability to program biofuels locations into select GPS systems.

Visit the new website at:

<http://www.iowacleancities.org>

Ethanol in the Classroom: Educating the Next Generation of Biofuel Visionaries

The **Renewable Fuels Association (RFA)** and the **Renewable Fuels Foundation (RFF)** are partnering with teachers and the **National FFA Organization** to provide tens of thousands of high school students information about the opportunities available to them in the field of renewable fuels.

The RFF is also offering scholarships for students to attend the National Ethanol Conference in Orlando, FL in February free of charge. Education is a critical aspect of all successful innovations and fundamental to efforts to change the way things have always been done.

“America’s energy future rests squarely in its high school classrooms today,” said **Mike Jerke, chairman of the RFF and General Manager of Quad County Corn Processors in Galva, Iowa.**

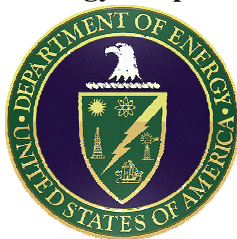
“It is these future scientists, engineers and dreamers that will supply both the manpower as well as the brain power necessary to break our addiction to fossil fuels. We are proud to be partnering with the National FFA to make these students aware of the vast opportunities offered by a robust renewable fuels industry.”

The deadline for students to apply is November 30, 2009 at

<http://www.nationalethanolconference.com/scholarship/>

Darling, Valero Apply for DOE Loan Guarantee

Darling International Inc. and Valero Energy Corp. have teamed up to apply for a U.S. **Department of Energy (DOE)** loan guarantee to build a facility capable of producing over 10,000 barrels per day of renewable diesel on a site in Norco, LA.



The companies should learn by mid-November if they’ve made the first cut, with the final awards not due to be announced until early 2010.

“We have long considered various paths that would allow Darling to participate in the country's growing interest in using renewable fuels,” **Darling CEO and chairman Randall Stuewe** said. “We believe that the combination of Darling's ability to provide low-cost carbon-friendly feedstocks and Valero's experience as North America's largest independent petroleum refiner and marketer has the potential to create a sustainable bio-fuel facility geared toward meeting America's growing renewable energy demands.”

IRFA Announces Winners of Ethanol Drawing

Winners of **Iowa Renewable Fuels Association’s (IRFA)** drawing for \$50 of free ethanol during IRFA’s participation in the **Iowa Corn Fed GameDay** promotion prior to the Iowa vs. Iowa State football include **Becky Jordan of Collins, IA, Lynn Hardin of Jefferson, IA, and Paul Scott of Coon Rapids, IA.**

The Iowa Corn Fed GameDay promotion, sponsored by the **Iowa Corn Growers Association** and held just outside the north entrance of **Jack Trice Stadium**, was a pregame showcase of the many uses of corn and its importance to Iowa. IRFA was invited to participate in this event to highlight the many benefits of corn-based ethanol and other renewable fuels. IRFA’s display, in addition to including an educational exhibit on the uses and benefits of ethanol and biodiesel, encouraged fans to enter the drawing for \$50 of free ethanol gift certificates which may be used for the purchase of ethanol-blended fuel.

IRFA Biofuels Manager Grant Menke stated: “IRFA congratulates the three winners and encourages all Iowans to follow their lead by choosing Iowa-produced renewable fuels at the pump. Together we can boost Iowa’s economy and do our part to reduce dependence on foreign oil.”

RFIB Approves 8 Projects

The **Renewable Fuel Infrastructure Program Board (RFIB)** approves eight (8) applications amounting to \$267,200 leaving approximately \$5 million in the program.

Those approved are as follows:

Kum and Go, LC, Marion—E85 dispenser
Kwik Trip, Inc., Parkersburg—E85 dispenser
Community Oil Company, Rock Valley—E85 blender
Farmers Coop Society, Postville—E85 blender dispenser
Looft’s Mini Mart LLC, Swea City—Biodiesel dispenser
Houseman Oil Co, Inc., Estherville – Biodiesel dispenser
Houseman Oil Co, Inc., Estherville – Biodiesel terminal
Heller Implement, Inc., Dunlap – Biodiesel terminal

“With the approximate \$5 million in the program there is money for grants for those that want to replace existing or install new an E85 dispenser or an E85 blender dispenser and a biodiesel dispenser along with their respective tanks and piping at retail stations and for non-heated and heated storage biodiesel tanks along with their respective piping at the bulk storage facilities,” said **Dick Vegors, Program Coordinator at IDED.**

IAIS and REG Demonstrate B10 and B20 Use in Iowa Rail Line Locomotive

The **Iowa State Railroad Ltd. (IAIS)** based in Cedar Rapids recently announced it has begun testing B10 and B20 biodiesel blends, supplied by **Renewable Energy Group (REG)**, a nationwide biodiesel producer and marketer.

As part of the study, REG, IAIS and **Kansas University** are measuring wear and tear on movable engine parts, horsepower ratings, and emissions.

“We hope this biodiesel blend demonstration will serve as the tipping point for the rail industry’s use of renewable fuels. We expect to find reduced diesel particulate matter and carbon emissions as well as improved lubricity with the use of biodiesel,” explained **REG’s vice president of customer and service technical, Myron Danzer**. “We appreciate Iowa Interstate’s industry leadership and look forward to continuing to help reduce our nation’s dependence on foreign oil in partnerships like this one.”

This partnership is fitting as IAIS serves several of the biodiesel plants in the REG network by transporting large volumes of our REG-9000™ biodiesel nationwide. For IAIS to burn the biodiesel they haul is a prime example of “going green,” Danzer added.

In June 2009, IAIS began using a B10 blend in the Council Bluffs Yard. The blend level was increased to B20 beginning in September. In December, the locomotive will switch back to straight diesel fuel to complete the comparative analysis. After every fuel change, an engine analysis is done.

IAIS President & CEO Dennis H. Miller added, “Our company has been looking at biodiesel as an alternative to diesel fuel for some time. This could open the door for over 600 other railroads to have another source of fuel to use in their locomotives that burns cleaner and is environmentally friendly. It is also another value added market to Iowa farmers and the ag industry by providing another use for their products.”

Iowa Central Community College Awarded Federal Grant for Fuel Quality Testing Laboratory

Iowa Central Community College in Fort Dodge has been awarded a \$475,750 grant from the **U.S. Department of Energy (DOE)** to fund their **Fuel Quality Testing Laboratory**.

The new laboratory will provide a full-service testing site for the renewable fuels industry. Upon completion, the laboratory will be involved in the improvement of existing fuel testing procedures.

National Biodiesel Board Sponsors “Freeways-to-Fuel”

Twenty miles north of Salt Lake City, a flowery, red and yellow safflower crop is being harvested. These test plots at the roadside simulation lab at **Utah Botanical Center** are part of an innovative “**Freeways-to-Fuel**” project sponsored by the **Utah Department of Transportation**, the **National Biodiesel Board (NBB)** and others.



“This project signals a breakthrough in how America may capitalize on millions of acres of idle lands along roadsides as well as at military bases, airports and local municipalities,” said **NBB CEO Joe Jobe**.

“Biodiesel is the most diverse fuel on the planet, and we are pleased to have supported the Freeways-to-Fuel program, which can expand that reach even more,” said Jobe. “This initiative can also complement urban farming projects offering fruits and vegetables alongside oilseed crops.”

Salt Lake County Council member Jim Bradley said, “I think it's the wave of the future as governments transform wasted resources into opportunities to produce food and fuel for their governments and communities. This effort is also important because it can save taxpayer money while still allowing for protected open space. For Salt Lake County this program makes a lot of sense. We make land available and let farmers do the rest.”

“The beauty of this concept is that the preparation required to make the land productive for biodiesel will also make it more economical for the city and county to use portions of the same land, or other idle publicly-owned parcels, for community-supported farming of fruits and vegetables,” said Dallas Hanks, a research scientist with Utah State University.

New Blender Pump Location

Coop Gas & Oil
153 North Main Street
Sioux Center, IA 51250

Also Offering E20, E30 & E40