

## Walmart Looks into Renewable Fuels

At Walmart, we believe being a profitable and efficient business goes hand-in-hand with being a good steward of the environment. In an effort to reach Walmart's larger goal of being supplied by 100 percent renewable energy, our Alternative Fuels Sustainable Value Network is working to incorporate renewable fuels into our retail fuel locations and for use in our fleet of trucks.

### Fueling our Future

We see many benefits to renewable fuels. These fuels can produce fewer emissions compared to traditional gasoline and diesel and can be made in the United States. Renewable fuels can help our company reduce emissions, support industries across the nation and reduce our country's dependence on foreign oil.

- Ethanol is used in many states as an additive to gasoline to make it burn cleaner. Conventional vehicles can use ethanol when blended in a form called E10 (10 percent ethanol and 90 percent gasoline).
  - By January 31, 2009, we increased renewable fuels use by 125% over the prior year.
  - The use and sale of renewable fuels last year equates to a greenhouse gas reduction roughly equal to taking 22,500 cars off the road.
  - Currently through June 2009 we are on trend to increase renewable fuels by 25% over last year.
- More than 70% of the fuel we sell at Sam's Club locations contains renewable fuel components.
- Auto makers are providing innovation in alternative fueled vehicles. Whether "Flex Fuel" vehicles that can run on gasoline or gasoline containing various amounts of ethanol or other alternatives such as plug in hybrids. Walmart is committed and focused on...
  - Investing in research and development that will enable us to bring alternative fuels safely to our customers.
  - Engagement of the auto industry, equipment industry, and renewable fuel suppliers to provide solutions to expand alternative fuels in the market place
- Diesel trucks and vehicles can also run on renewable biodiesel blends. Biodiesel can be made from multiple feed stocks and produces fewer particulate matter, carbon monoxide and sulfur dioxide emissions compared to traditional diesel. Walmart is currently testing several different biodiesel blends in our private truck fleet, and is committed to finding consistent, high-quality products that meet our requirements.
- Walmart is in active dialogue with companies pursuing the production of second generation ethanol. Together, we hope to bring this product to market more quickly, and have even offered the waste produced by our stores as a source of biomass for the testing.
  - Emerging alternative fuels, such as cellulosic ethanol, liquid natural gas, algae-derived biodiesel and hydrogen, offer promise to meet our future transportation energy demands.
  - Walmart is committed to exploring these innovative fuels and finding viable alternatives to fossil fuels.

*For more information on Walmart's sustainability efforts, please visit [.walmartstores.com](http://walmartstores.com).*

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