



# Utah Clean Cities Newsletter

## Clean Fuel - Clean Air - Clean Strategy

### In the News

The **Clean Air Excellence Awards Program**, established in 2000 at the recommendation of the Clean Air Act Advisory Committee, annually recognizes and honors outstanding innovative efforts to help make progress in achieving cleaner air. Award-winning entries must directly or indirectly reduce pollutant emissions, demonstrate innovation, offer sustainable outcomes, and provide a model for others to follow.

CAAAC is currently accepting application for the 2010 Clean Air Excellence Program Awards. Nominations can be submitted here: [Link](#)

#### Utah Clean Cities Coalition

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### American Le Mans Series Green Racing in Utah



The vehicles of the the American Le Mans Green Racing Series will be coming to Utah in July. These vehicles run on five approved alternative fuels including Drayson's Lola-Judd and O'Connell's Corvette that both run on cellulosic E85, Jeannette's LMP Challenge running on animal fat and Dyson's Lola-Mazda, which is the first car in the series to run on biobutanol.

Wednesday July 7: South Towne Expo Center (12-5pm): Cars and Transporters on displays with drivers at certain times of the day, as well as a Utah Clean Cities display of Alternative Fuel Vehicles for the public. Day culminates with Transporter Parade leaving the gateway in tandem around 5:00 during the evening news.

Saturday - Sunday: July 9-11: Miller Motorsports Park Lemans Green Racing Series Utah Grand Prix- Come see the cars in action on the race course for race weekend. Tickets and more information can be found [here](#).

### Clean Vehicle Champion

The American Lung Association honored 16 mayors across the country, including Salt Lake City's Ralph Becker, who are working to promote healthier air and the use of clean vehicles in their city fleets. The winners were nominated by community volunteers and selected as Clean Vehicle Champions by a volunteer jury.



## Question of the Month

*Why is idle reduction important? What are the alternatives to letting a vehicle idle?*

**Answer:** Idling vehicles in the United States use upwards of one billion gallons of fuel and emit large quantities of air pollution and greenhouse gases unnecessarily each year. On average, a heavy-duty vehicle consumes fuel at the rate of 0.8-1.0 gallon/hour at idle. A typical light-duty vehicle consumes 0.5 gallons/hour while idling. These rates are based on a number of data sources, including reports from the U.S. Environmental Protection Agency (EPA) and Argonne National Laboratory. The actual rates may be more or less depending on the type of vehicle and engine. Using EPA's assumptions for carbon dioxide (CO<sub>2</sub>) emissions from each gallon of diesel and gasoline burned (<http://www.epa.gov/oms/climate/420f05001.htm>):

- The average diesel-powered heavy-duty vehicle emits between 17.8 and 22.2 pounds of CO<sub>2</sub>/hour while idling.
- The average gasoline powered light-duty vehicle emits approximately 9.7 pounds of CO<sub>2</sub>/hour while idling.

One of the most common myths about engines, particularly diesel engines, is that they need to idle for several minutes or more to warm up prior to driving. While some diesel engines do need to warm up, most engine manufacturers recommend that newer engines need no more than three minutes of warm-up before driving; drivers should check their engine manufacturer's recommendations and/or owner's manual about guidelines for engine warm-up. See the Additional Resources section below for more idling information.

## Upcoming Events

- July 1-31 Clear the Air Challenge
- July 7, 9-11: American Le Mans Racing Series
- August 26<sup>th</sup>, EPA Act Workshop
- August 29<sup>th</sup>, Park Silly Sunday Market, Park City, UT
- September 24-25 Zion Canyon Music Festival, ball field in the Springdale Town Park

### Keep a look out for:

- Idle Free Awareness Week, September
- NAFTC first response workshop, August
- National AFV Day Odyssey, October 6-7
- Alternative Fuel Awareness Month, November

## Fabulous Fleet Facts

The University of Utah's Commuter Services is dedicated to improving Salt Lake City's air quality by promoting alternative modes of transportation including walking, bicycling, transit, carpooling, and car sharing. Commuter Services will be replacing two standard diesel buses with two compressed natural gas (CNG) buses annually until the entire fleet is CNG buses. The University provides UTA Ed-pass for its students, faculty and staff to ride public transit for free. For more information contact:

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