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Clean Cities Media

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# Denver Clean Cities Headlines

## June News



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### Announcements

#### Membership Renewal

Clean Cities members are the **life** of a successful coalition. Membership dues help to sustain our programs and provide the valuable network that we rely on for expertise, experience, feedback, and growth. In return, we provide value to our members by consistently serving as a neutral resource and consult, while forging the networks and business relationships necessary to seeing successful projects and petroleum displacement. We would like to sincerely thank the many organizations that makeup our dues-paying membership, and we ask for your continued support in our upcoming fiscal year.

Statewide members have already received notification from Northern Colorado Clean Cities about renewal, as they manage that process, but for local members and partners that haven't yet, you should have received a letter from us thanking you for your membership and asking for your renewal. Membership with us runs from July 1st-June 30th, so any organizations that sign up or renew will receive membership benefits through June 30th of 2016. Membership renewal is **due by June 20th. THANK YOU to those of you who have renewed already!**

You may find a detailed description of membership benefits and dues on our [website](#). You can also pay via credit card there, or you can pay by check. The

green membership button below will take you directly to our membership payment page. Thank you again, and we look forward to another successful year assisting our members!

## June Stakeholder Meeting

Join us for our June stakeholder meeting to get caught up on the most recent occurrences in the world of petroleum reduction. Adams 12 Five Star Schools is graciously hosting the event and will highlight their [propane school bus operations](#). Come learn how propane is the ultimate alternative to diesel in school bus applications, and hear about the costs, benefits, and process that Adams 12 has experienced. A full agenda is being finalized and will be published shortly.

**Wednesday, June 24th**

**10:00am-1:00pm**

***LUNCH PROVIDED***

**Adams 12 Five Star Schools  
1350 E 126th Ave, Thornton, CO**

**(Only 50 spots available)  
[RSVP to CleanCities@Lungs.org](mailto:CleanCities@Lungs.org)**

**Join by Phone: 1-720-452-6980  
Conference ID: 94138**

## Electrify Your Summer Kickoff Event, Regional Air Quality Council

On behalf of the Regional Air Quality Council (RAQC), you are cordially invited to the RAQC's ozone season kickoff event on **Friday, June 5th at Market Street Plaza** (16th St. & Market St. – the old Market Street RTD Station). Ground-level summer ozone season officially began on June 1, so the theme of the event will be “Electrify Your Summer” as a way to learn about the adoption of electric vehicles (EVs).

### Details:

- Location will be Market Street Plaza (16th St. & Market St. – the old Market Street RTD Station)
- Time of event will be 11 a.m. – 2 p.m.
- Industry experts from **RAQC, City of Denver, Colorado Energy Office, and Clean Cities** will be available to the press and attendees to discuss the Charge Ahead Colorado grant, electric vehicle benefits, and recent market developments.
- Electric vehicles will be on display from Charge Ahead Colorado\* EV grantees
- Charging stations will be on display
- AAA mobile Level 2 charging truck will be on display
- Electric lawn mowers will be on display; public can enter a drawing to win one
- OzoneAware branded B-Cycles will be on display and available for public to rent

## USDA Will Invest \$100 Million to Double Renewable Fuel Pumps

The U.S. Department of Agriculture is attempting to double the number of fueling stations for higher-level blends of renewable fuels, like E15 and E85, through a competitive grant process awarded at the state level. For full details please see the official announcement from the [USDA](#).

## E-Ride Electric Utility Vehicle Test Drive Event

If you don't catch E-Ride at the Green Fleet Expo (GFX) next week, they are hosting a free test drive event in partnership with the [Green Parking Council](#) and [Canopy Airport Parking](#) for you to stop by on your way out of town. Electric utility vehicles offer great operating cost savings and have zero tailpipe emissions. They are great for parks departments, universities, governments, and police departments. They are highly customize-able for passenger moving, refuse hauling, and utility/tool vehicles. Check out their lineup of 2015 [Patriot Models](#).

**June 11th, 8am-6pm**  
**Canopy Airport Parking**  
**8100 Tower Rd, Commerce City**  
**Snacks provided**

[Join or Renew Membership](#)



## Upcoming Events

### Electrify Your Summer

June 5th, 11am-2pm  
16th and Market St.,  
Denver, CO

### [Government Fleet Expo & Conference](#)

## Colorado Stories

**Colorado's Cool Planet Promises Carbon Negative Biofuel - [The Guardian](#)**

**Mesa County Propane Buses Make National Headline - [NY Times](#)**

**Larimer County Grows Use of Natural Gas Vehicles - [Coloradoan](#)**

**Electric Car Looks to Break Records at Pikes Peak**

June 8-11<sup>th</sup>, 2015  
Colorado Convention  
Center, Denver, CO

### **E-Ride Test Drive**

June 11th, 8am-6pm  
Canopy Airport Parking  
8100 Tower Rd.,  
Commerce City

### **Transportation Summit 2015**

June 15th, 7:30am-  
2:00pm

### **Senator Gardner - Keynote**

Island Grove Regional  
Park, Greeley, CO  
[RSVP](#)

### **NGVAmerican Conference and Expo**

Sept. 15th-17th, 2015  
Colorado Convention  
Center, Denver, CO

### **Green Transportation Summit and Expo**

August 19th and 20th  
Crowne Plaza Hotel  
Denver, CO

**Hill Climb** - [Autocar](#)

**Grand Junction Gets National Recognition for  
Renewable Natural Gas** - [Clean Cities Blog](#)

## ***National Highlights***

**Natural Gas Vehicle Emissions Plagued by Upstream  
Methane Emissions** - [Green Fleet Magazine](#)

**EPA to Propose New Emissions Standards on Heavy  
Trucks** - [NY Times](#)

**EPA Announces new RFS Standards, Creates  
Controversy** - [NGT News](#)

**U.S. Electric Vehicle Market Could Reach 1 Million a  
Year by 2024** - [Charged EV](#)

**EV Charging Market to grow 1,200% by 2020** - [Charged  
EV](#)

**63% of US Charging Stations are Free** - [Charged EV](#)

**50 Police Departments Now Use Electric Motorcycles**  
- [Government Fleet](#)

**Denver Added to Nissan's No Charge to Charge  
Program** - [Transport Evolved](#)

**\$1 Million Competition for Hydrogen Home Fueling  
Webinar** - [U.S. DOE](#)



## ***Case Study***

### **Grand Junction's Renewable Natural Gas Fleet**

The City of Grand Junction has been a national leader in pursuing a natural gas fleet, having started their conversion to CNG back in 2010. Today they now operate their entire refuse fleet, transit buses, and other fleet vehicles on natural gas. Though, that wasn't good enough, as they recently began converting the methane from their wastewater treatment facility into renewable natural gas (RNG),

which reduces greenhouse gas emissions by greater than 90%.

**Fleet** - 37 natural gas vehicles (transit buses, refuse trucks, snow plows)

**RNG** - They used the BioCNG system to convert 50 standard cubic feet per minute of methane into 400-500 gallons of usable natural gas each day to fuel their fleet. They also built a pipeline from their wastewater treatment facility to their existing CNG site 6 miles long.

**Savings** - They pay \$1.15/gge for their CNG compared to \$3.30 in 2014 for diesel, and they save about \$200,000 a year in fuel. They see a 2-year payback period on their natural gas refuse trucks.

**Emissions** - 658,600 pounds of CO<sub>2</sub>-equivalent reduced each year from the vehicles, and 3 million pounds per year from the wastewater treatment facility, for a total of 3,658,600 lbs of CO<sub>2</sub> reduction annually.

**Costs** - The project in total cost \$2.8 million, but they covered that cost with grant assistance. The city expects to see an 8-year payback on the BioCNG facility and pipeline.

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## *Upcoming Webinars*

### **EV Infrastructure and Multi-Unit Dwelling Units**

June 22nd 11:00-12:00 Mountain

[Register here](#)

### **Renewable Natural Gas and RINS**

June 29th, 10:30am Mountain

[Details and Registration](#)

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## *New Members*



## Linn Benton Community College, ATTC

The Advanced Transportation Technology Center at Linn Benton Community College is one of the leading training institutions in the country for alternative fuel technicians. Additionally, the ATTC will be throwing the [Green Transportation Summit and Expo](#) on August 19th and 20th in Denver, which is the premier alternative fuel show in the region.

## American Power Group

American Power Group produces dual-fuel natural gas conversions for heavy duty equipment, including 15L engines. Dual-fuel technology displaces diesel in a compression-ignited engine with compressed or liquefied natural gas, which provides the cost and emissions savings of natural gas with the flexibility and convenience of diesel. Visit their [website](#) to learn more.



## Stirk CNG

Stirk CNG is a compressed natural gas station developer with stations in Nebraska, Iowa, and a station opening in Colorado. The station in Commerce City was awarded through the ALT Fuels Colorado grant process and will open this year at the Sapp Brothers truck stop located at 7120 E 49th Ave, Commerce City, CO 80022. Visit their [website](#) for more information.



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## State Incentive Summary

### Charge Ahead Colorado:

This grant program will fund 80% of the incremental cost, up to \$8,260/vehicle, of a plug-in electric vehicle for entities located within the seven-county Denver Metro area that are ineligible for the state tax credit. The grant will also cover 80% of project costs associated with charging stations, up to \$6,260 for Level 2 and \$16,000 for Level 3 chargers, for entities located throughout the state. The grant is jointly administered by the Colorado Energy Office and Regional Air Quality Council. Full details and information can be found at their [website](#).



- **Application opens July 7th, closes August 4th**

### **ALT Fuels Colorado**

This grant program will fund 80% of the equipment cost associated with compressed natural gas (CNG) fueling stations, up to \$500,000. The grant will also fund propane and DC fast charging stations, up to \$50,000, if they are co-located at an awarded CNG station. This portion of the grant is being administered by the Colorado Energy Office. The application and full details can be found at their [website](#).

- **Round 3 application open - for pre-bid meeting info and details, visit [CEO website](#)**
- **Application rounds every 6 months**

ALT Fuels Colorado will also fund up to 80% of the incremental cost for natural gas, propane, or plug-in electric vehicles over 6,000 lbs. Vehicles must operate within Colorado's federally-designated ozone non-attainment or carbon monoxide maintenance areas at least 60% of the time ([program area map](#)). Funding caps are set according to vehicle weight classes, and differ among public or private organizations. This portion of the grant is being administered by the Regional Air Quality Council. The application and full details can be found at their [website](#).

- **Application will open in late June 2015**
- **There will be three funding cycles per year through the end of 2017**

### **Department of Local Affairs (DOLA) Alternative Fuels Funding Program**

In partnership with the Colorado Energy Office and Regional Air Quality Council, DOLA's Energy and Mineral Impact Assistance Program Tier II application cycle will fund alternative fuel vehicles (AFVs), alternative fuel infrastructure, and maintenance facility upgrades that support AFVs. Only public entities (local governments and [special districts](#)) qualify. Infrastructure projects require a 25% minimum match. For vehicles, 100% of the incremental cost between an AFV and its conventional equivalent would be funded. Full details and applications can be found at their [website](#).

- **Application has closed - next is due August 1**
- **Applications due three times a year: April 1, August 1, December 1**

### **Colorado State Tax Credits**

Colorado offers a substantial tax credit for alternative fuel vehicles that are purchased new or converted, as well as idle reduction equipment, aerodynamic technologies, and clean fuel refrigerated trailers. Tax credits are categorized according to the fuel or technology type and vehicle weight class, and each category has a credit cap ranging anywhere from \$6,000-\$20,000. Details can be located on the [Refuel Colorado website](#) or by reviewing the Department of Revenue's guidance document, [FY Income 67](#). For assistance, don't hesitate to contact Clean Cities at [tsvitak@lungs.org](mailto:tsvitak@lungs.org).

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## **Question of the Month:**

**How can I improve my gas mileage while driving this summer?**

[Answer](#)



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