

# AGENDA

## Natural Gas for Transportation Roundtable Meeting 2: July 19<sup>th</sup>, 2012 Appleton, WI

Registration and Breakfast	8:00 am to 9:00 am
Welcome and Opening Remarks	9:00 am
Introduction to the Roundtable and Accomplishments to Date	9:10 am
Panel 1: Expanding Natural Gas Transportation Infrastructure	
Examples from the Fox River Valley and Surrounding Areas	9:30 am
Building CNG Fueling Stations <i>US Oil</i>	
Fleet and Public CNG Fueling Station in De Pere <i>Trillium HD</i>	
Operating a CNG Truck Fleet <i>Paper Transport</i>	
Break	10:30 am
Panel 2: Capturing the Natural Gas Transportation Opportunity	10:45 am
Working with Regulators: Safety and Codes	
Using Biogas to Fuel Vehicles <i>Cornerstone Environmental Group</i>	
Maintaining a CNG and LNG Fleet <i>Cummins</i>	
Conclusion and Next Steps	11:45 am

*Optional Biogas for Vehicle Fuel Workshop (12:30 pm to 2:30 pm)*

# Wisconsin Natural Gas for Transportation Roundtable Meeting Two- Appleton

## Introduction to the Roundtable and Accomplishments to Date

Maria Redmond and Peter Taglia, Wisconsin State Energy Office (SEO)  
and Lorrie Lisek, Wisconsin Clean Cities



July 19<sup>th</sup>, 2012

Fox Valley Technical College – Appleton, WI

# WI Natural Gas for Transportation Roundtable

Stakeholder initiative organized by the SEO and WI Clean Cities to promote the use of the following natural gas vehicle fuels in WI:

- Compressed Natural Gas (CNG)
- Liquefied Natural Gas (LNG)
- Biogas-derived CNG and LNG

Main Objective: A neutral forum to

- Expand Natural Gas Vehicle Infrastructure
- Expand Natural Gas Vehicle Availability
- Identify Problem Areas and Policy Needs
- Provide Education and Outreach
- Coordinate natural gas regulatory efforts among state agencies



# Roundtable Activities To Date

- April 11, 2012 Governor Announces Roundtable and Advisory Committee
- April 24, 2012 Roundtable Kickoff Event in Madison
  - Natural Gas for Transportation Basics
  - Why Natural Gas for Transportation? Economics, Environment and Energy Security
  - Dept. of Revenue Presentation on Taxation
  - Public Service Commission Presentation on Natural Gas
  - Breakout Listening Sessions
- May: Natural Gas Portal Added to SEO Website
- June: Interagency Workgroup Meets to Assist Wisconsin Businesses and Consumers with Natural Gas for Transportation
- July 19<sup>th</sup> Roundtable Event in Appleton
- Coming Soon: Natural Gas for Transportation Guidance Document and Checklist



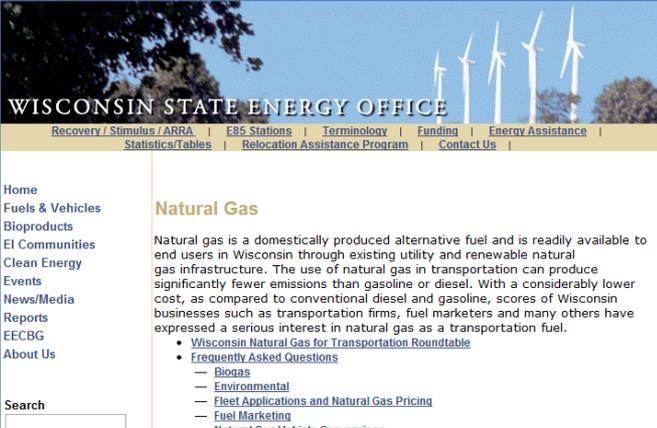
From Governor Walker's  
Press Office

April 11, 2012  
For Immediate Release

**Governor Walker Announces Natural Gas Vehicle Fuel Roundtable**

*Savings of \$2 per gallon over current gasoline and diesel prices prompts increased interest*

**Madison**—Governor Scott Walker today announced that state energy officials will hold at least four public information sessions around the state to provide information to businesses and citizens about natural gas as a transportation fuel and identify opportunities to expand the use of compressed natural gas (CNG) vehicles. Current market conditions result in compressed natural gas being the equivalent of \$2 less per gallon than conventional transportation fuels.



WISCONSIN STATE ENERGY OFFICE

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### Natural Gas

Natural gas is a domestically produced alternative fuel and is readily available to end users in Wisconsin through existing utility and renewable natural gas infrastructure. The use of natural gas in transportation can produce significantly fewer emissions than gasoline or diesel. With a considerably lower cost, as compared to conventional diesel and gasoline, scores of Wisconsin businesses such as transportation firms, fuel marketers and many others have expressed a serious interest in natural gas as a transportation fuel.

- [Wisconsin Natural Gas for Transportation Roundtable](#)
- [Frequently Asked Questions](#)
  - [Biogas](#)
  - [Environmental](#)
  - [Fleet Applications and Natural Gas Pricing](#)
  - [Fuel Marketing](#)
  - [Natural Gas Vehicle Conversions](#)

# Major Topics Identified During the Listening Sessions at the April 24<sup>th</sup> Roundtable Kickoff:

- How is natural gas used for CNG and LNG measured, sold and taxed?
- How difficult are building and fire code approvals for natural gas fueling and maintenance facilities?
- How green is natural gas? What about fracking?
- Where are future gas fueling stations planned? What fleets are most suitable to conversions to natural gas?

Answers to these questions and more can be found at the SEO natural gas portal:



The screenshot shows the Wisconsin State Energy Office website. The header includes the text 'WISCONSIN STATE ENERGY OFFICE' and a navigation bar with links: [Recovery / Stimulus / ARRA](#), [E85 Stations](#), [Terminology](#), [Funding](#), [Energy Assistance](#), [Statistics/Tables](#), [Relocation Assistance Program](#), and [Contact Us](#). The main content area features a 'Frequently Asked Questions' section with the heading 'Frequently Asked Questions' and the sub-heading 'Frequently asked questions related to natural gas'. Below this, there is a list of links: [Bioogas](#), [Environmental](#), [Fleet Applications and Natural Gas Pricing](#), [Fuel Marketing](#), [Natural Gas Vehicle Conversions](#), and [Safety- Vehicles and Infrastructure](#). A sidebar on the left contains links for Home, Fuels & Vehicles, Bioproducts, EI Communities, Clean Energy, Events, News/Media, Reports, EECBG, and About Us.

[www.energyindependence.wi.gov](http://www.energyindependence.wi.gov)



# But... We Have A Long Way To Go!

Petroleum is available across Wisconsin at over 2,000 locations for the vast majority of our state's five million-plus vehicles.

- Natural gas vehicles (less than 300 in WI) and fueling stations (just over 20) are much more limited
- Substituting natural gas for vehicle fuel in Wisconsin will take time, effort and money
- One option to solve the “chicken and egg” problem: build CNG infrastructure in Wisconsin with fleet vehicles, the other vehicles will follow



**The Natural Gas for Transportation Roundtable is here to help!**

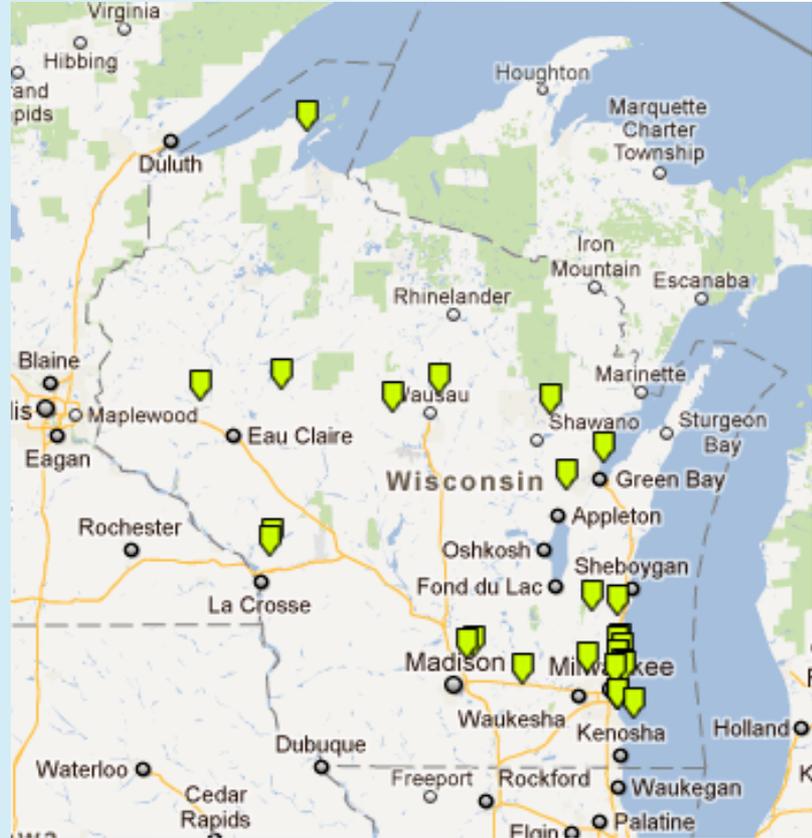
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# Compressed Natural Gas (CNG) Stations in WI

Currently 21 stations throughout the state (15 public, 6 private or restricted)

Additional Stations Coming Online:

- Milwaukee (2)
- Madison (2)
- Washburn (1)
- La Crosse (1, also with LNG)
- Janesville (1)
- Wasau (1)
- Green Bay (1)



Wisconsin CNG Station Map

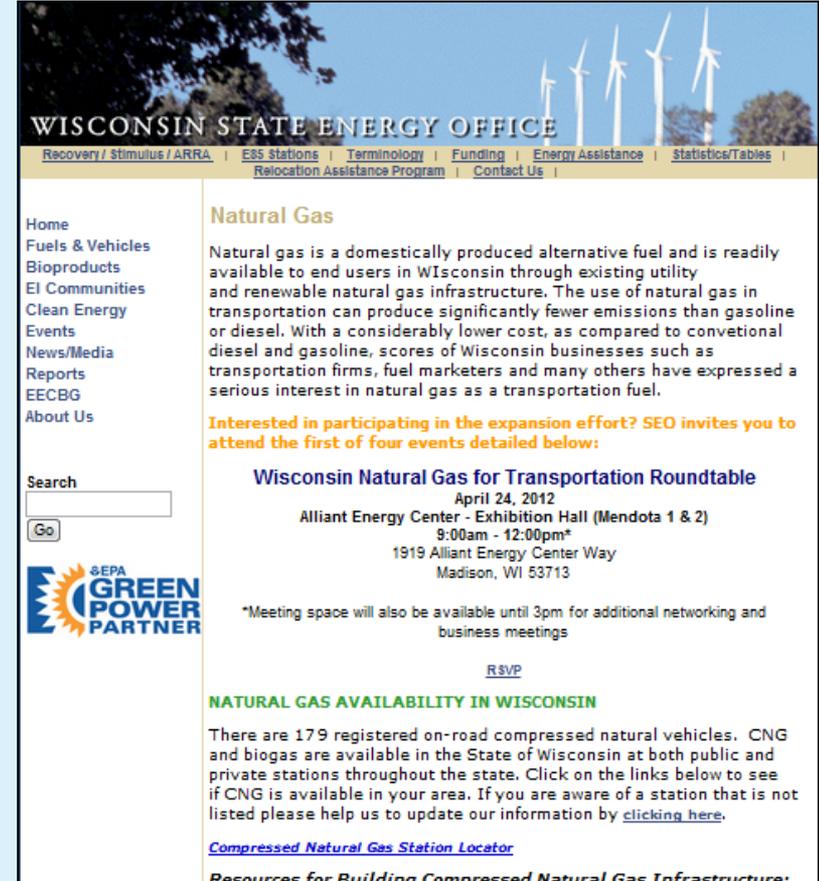
[http://www.afdc.energy.gov/afdc/progs/ind\\_state.php/WI/CNG](http://www.afdc.energy.gov/afdc/progs/ind_state.php/WI/CNG)

# WI Natural Gas for Transportation Roundtable

- Don't forget to sign in to get on our email list
- Check the SEO website for more information
- Participate in roundtable events and subgroups
- Contact the SEO, Clean Cities or other stakeholders for answers to specific questions and more information about making natural gas a part of your fuel mix
- Please fill out the evaluation form

**THANK YOU!**

[www.energyindependence.wi.gov](http://www.energyindependence.wi.gov)



The screenshot shows the Wisconsin State Energy Office website. The header includes the office name and navigation links for Recovery/Stimulus/ARRA, EIS Stations, Terminology, Funding, Energy Assistance, Statistics/Tables, Relocation Assistance Program, and Contact Us. The main content area is titled "Natural Gas" and contains a paragraph about natural gas as a domestically produced alternative fuel. Below this is a call to action: "Interested in participating in the expansion effort? SEO invites you to attend the first of four events detailed below:". The event details are: "Wisconsin Natural Gas for Transportation Roundtable" on April 24, 2012, at the Alliant Energy Center - Exhibition Hall (Mendota 1 & 2) from 9:00am to 12:00pm\*. The address is 1919 Alliant Energy Center Way, Madison, WI 53713. A note states that meeting space will also be available until 3pm for additional networking and business meetings. There is an "RSVP" link. Below this is a section titled "NATURAL GAS AVAILABILITY IN WISCONSIN" which states that there are 179 registered on-road compressed natural vehicles and provides information on how to find stations. A link for "Compressed Natural Gas Station Locator" is provided. At the bottom, there is a link for "Resources for Building Compressed Natural Gas Infrastructure".

**SEO Website**

[www.energyindependence.wi.gov](http://www.energyindependence.wi.gov)

