



## Founding Members



Quarterly Newsletter | Spring 2014

### Features

#### *TBCCC welcomes new members: Gator Ford and Arthur Miksis*

#### Stay tuned for Clean Cities coalition designation update!

On March 4, the Tampa Bay Clean Cities Coalition formally submitted its program plan to the U.S. Department of Energy for consideration for federal designation as a Clean Cities coalition.

#### Reaching next generation at

#### USF Sustainability Showcase

On February 4, the Patel College of Global Sustainability partnered with Student Government to host the Sustainability Showcase at the USF Marshall Student Center. USF Departments, colleges and student groups came out in full force to showcase their respective green initiatives across USF. The Tampa Bay Clean Cities Coalition (TBCCC), the USF Clean Energy Research Center (CERC), the Student Environmental Association (SEA), USF Facilities, and many others were present at the event.



An event highlight was the Tampa Bay Clean Cities Coalition (TBCCC) electric vehicle display outside the Marshall Center. The vehicles were provided by TBCCC members from the Environmental Protection Commission Hillsborough County, Tampa Electric Company (TECO), and Dr. Morgan of the USF Health Byrd Alzheimer Institute. USF Students learned about the many benefits of electric vehicles and were able to explore the Chevy Volt, Nissan Leaf, and Tesla Model S in their own backyard. [Read More.](#)

#### TBCCC well represented in alternative fuels community

Stephen Reich, TBCCC coordinator, has been busy representing the group and advancing the coalition's goals. On February 13 he participated in the second Electric Drive Florida workshop in Juno Beach, FL, where he helped develop a work plan for the committee dealing with state incentives for the promotion of electric vehicles.



#### Visit Our Website

**TBCCC MEMBERS**

#### Diamond



#### Platinum



#### Gold



#### Silver



#### Bronze



Mr. Reich also participated in a day-long meeting with all the Florida Clean Cities Coalitions, U.S. Department of Energy and the Florida Energy Office on February 19 in Orlando, FL. As a follow-up he hosted a webcast on March 6 for the Florida Energy Office to present the new Natural Gas Fleet Rebate Program. Fifty-eight individuals participated in the hour-long webcast that is available for viewing on the USF Center for Urban Transportation Research's website [here](#).

## TBCCC Feature Member Profile

### The City of Tampa increases CNG garbage truck fleet

The City of Tampa recently purchased five additional compressed natural gas (CNG) garbage trucks as part of a plan to replace 65 aging diesel trucks in its fleet by 2017.



The initiative began in 2013 with the inaugural fueling of the first 5 of the city's CNG solid waste vehicles by Tampa Mayor Bob Buckhorn.

"Replacing our older, diesel-powered garbage trucks with CNG trucks is good business. They will save taxpayers' money, and are environmentally friendly and more efficient," said Mayor Bob Buckhorn in 2013. "This is just the beginning for our fleet of CNG vehicles."

The environmentally friendly vehicles emit about 40 percent less greenhouse gases, offer extended engine life, and cost less to maintain. By the end of 2014, the city plans to have a total of 20 CNG-powered garbage trucks in its fleet. Since acquiring the first five CNG trucks last February, the city has saved \$77,712 in fuel costs.

## News

### HART Begins Fueling with CNG

Beginning in April 2014, the Hillsborough Area Regional Transit (HART) becomes the first Public Transportation Agency in Florida to convert from diesel fuel to CNG.



The CNG Fueling Facility project includes construction of a Compressed Natural Gas fueling station and modification of existing facilities and fuel lanes. The project includes four electrically driven 300 hp compressors with four fast-fill dispensers for buses and other fleet vehicles. It is designed to allow for a future expansion of two more compressors as the entire fleet transitions from diesel to CNG. The total investment of approximately \$5.5 million came from a combination of state and local funds.

For more information on the April 24th Grand Opening, please contact Kemly Jiménez Green at [Greenk@goHART.org](mailto:Greenk@goHART.org).

**EPA Sets Cleaner Fuel and Car Standards** - more [here](#)

**Senators Introduce New Federal Alternative Fuel Vehicle Bill** - more [here](#)



## Members

[Air Centers of Florida, Inc. CNG](#)

[Apollo Sunguard Systems, Inc.](#)

[City of Clearwater Solid Waste Services](#)

[City of North Port](#)

[City of Tampa, Solid Waste & Environmental Program Management](#)

[HART](#)

[Hillsborough Co. MPO & Planning Commission](#)

[M&B Products, Inc.](#)

[Nopetro](#)

[Sarasota County](#)

[Sarasota Ford Fleet Department](#)

[Sierra Club](#)

John Batchelder  
Karen Freedman  
Joy Ingram  
Stephen McNaughton  
Arthur Miksis

Clean Cities 20th Anniversary videos: [Part 1](#) and [Part 2](#)

## Alternative Fuel News Corner

**State funds still available!** Visit the State of Florida Energy Office website [here](#) to view applicants for the Natural Gas and Propane Rebates.

**U.S. DOE remains committed to electric vehicle technology and notes these highlights:**

- DOE research and development has reduced the cost of electric drive vehicle batteries to \$325/kWhr, 50 percent lower than just four years ago.
- In the first year of the Workplace Charging Challenge, more than 50 U.S. employers joined the Challenge and pledged to provide charging access at more than 150 sites.
- DOE investments in EV Everywhere technology topped \$225 million in the last 12 months, addressing key barriers to achieving the Grand Challenge.
- Consumer acceptance is rapidly growing - 97,000 plug-in electric vehicles were sold in 2013, nearly doubling 2012 sales.

Complete January 1, 2014, DOE EV Report [here](#):

New Electric Vehicles on the market:

- BMW i3 more [here](#)
- Cadillac ELR more [here](#):

### Resources

[Upgrading Facilities for Natural Gas Vehicles video](#)

[Alternative Fuels Data Center](#)

[Station Locator](#)

[Vehicle Cost Calculator](#)

## Upcoming Events

**Look for the Spring TBCCC Meeting details soon!**

**Save the Date - April 12, 2014!**

TBCCC Exhibit at

ECOFEST 2014: Earth Day Tampa Bay

10:00 a.m. - 3:00 p.m.

Lowry Park Bandshell & Riverfront

[7525 North Blvd](#)

Tampa, FL



**June 19, 2014**

FNGA Fleet & CNG Event

Boca Raton Resort & Club

2:00-6:00 p.m.

Boca Raton, FL

Register at <http://floridagas.org/>

## Membership Information

*The Tampa Bay Clean Cities Coalition is a membership based organization created to coordinate and promote the use of non-traditional and cleaner energy for transportation in the Tampa Bay Region. The effort was launched in the summer of 2012 with financial and in-kind support from the Environmental Protection Commission of Hillsborough County, TECO Energy, the USF Patel College of Global Sustainability, and the USF Center for Urban Transportation Research. Tampa Bay Clean Cities will work in concert with, and support, the U.S. Department of Energy's Energy Efficiency and Renewable Energy Vehicle Technology Program - Clean Cities.*

### Join the Tampa Bay Clean Cities Coalition!

For information on joining, see the membership page by clicking [here](#). *The system accepts electronic checks and all major credit cards.*

Contact Bessie Skoures at USF Patel College for more information at [skoures@usf.edu](mailto:skoures@usf.edu) or 813-974-1256

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