

Correction:

Please note that the Trillium station on HWY 41 and Madison in Tampa will open in **September 2013**. An incorrect opening date of 2014 was previously reported in the July TBCCC newsletter.



Founding Members



Quarterly Newsletter | July 2013
Features

TBCCC welcomes the following new members: Tampa International Airport, NovaCharge, Sarasota County & Karen Freedman!

TBCCC Members Create Strategic Plan

On July 8, in an important step to bring Tampa Bay closer to achieving designation with "Clean Cities" by the U.S. Department of Energy, TBCCC held a "members only" strategic planning session aimed at making that designation a reality. Led by professional facilitator and USF Engineering faculty member Dr. Paul Schnitzler, and steered by Stephen Reich, TBCCC coordinator, and Dr. Jochen Eckart, Patel College research fellow, the session proved a success.



After several enlightening exercises led by Dr. Schnitzler that allowed members to envision what it would mean for the Tampa Bay region to achieve Clean Cities status, the members rolled up their sleeves and worked on enhancing the vision and mission statements. The session quickly became very focused on creating a detailed strategy for how the TBCCC would operate over the next three years, and how it will work to achieve substantial increases in alternative fuel use for the region. [Read More.](#)

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TBCCC MEMBERS

Diamond



Platinum



Gold



Silver



Bronze



Members

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

[Apollo Sunquard 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](#)

Karen Freedman
Joy Ingram
Stephen McNaughton

TBCCC Representation at ACT Expo in Washington, DC TBCCC coordinator Stephen Reich, along with founding member Keith Gruetzmacher of TECO Energy, represented Tampa Bay Clean Cities at the ACT Expo and 20th Anniversary of Clean Cities in Washington D.C. June 24th through 27th. In addition to the conference sessions, the trip also provided several opportunities to meet with DOE officials and other Clean Cities representatives.



Plugging into the Florida Electric Vehicle Community

On May 31, the Patel College of Global Sustainability held a joint meeting of the Sun Coast and Central Florida Electric Vehicle Associations in conjunction with the Sierra Club as part of its Tampa Bay Clean Cities Coalition (TBCCC) efforts.



The event kicked off in the USF Patel Center driveway with an electric vehicle display and driver meet-and-greet giving participants the opportunity to get first-hand accounts of owning an EV. Several TBCCC members displayed their electric vehicles, including Margaret Rush from EPC Hillsborough County, Juan Reina from TECO, Mike Malley from Duke Energy, and Helda Rodriguez of NovaCharge. Event participants also got to see two Tesla models, a Model S and a Roadster. This was particularly exciting given the 2013 Motor Trend Car of the Year was awarded to the Tesla Model S. Displayed were also two cars that were converted to EVs, one of which was a 1967 Austin. [Read More.](#)

TBCCC Feature Member Profiles

Clearwater Gas System Helps Businesses Drive Greener

On October 7, 2013, Clearwater Gas System will celebrate their two-year anniversary since unveiling the Tampa Bay area's first Natural Gas Vehicle (NGV) fueling station.



The public and private station is located in Clearwater and serves as the home fueling base for AutoWay Honda, WastePro, Verizon, Jolley Trolley, Phoenix Energy, European Auto Tech, and the City of Clearwater's Solid Waste and Gas departments. With the passing of Florida's Legislative House Bill 579, Clearwater Gas System has high hopes of enticing more businesses and consumers to make the switch to compressed natural gas (CNG). The legislation encourages commercial fleet owners to invest in new natural gas vehicles through grants

administered by the Office of Energy - Florida Department of Agriculture.

The Clearwater Gas fueling station has four islands with the capability to fuel eight CNG vehicles. Aside from the great fueling rate (\$1.99 per gallon gasoline equivalent), CNG vehicles emit fewer pollutants compared to gasoline or diesel fuel. Currently there are about 32 CNG fueling stations in Florida. Visit clearwatergas.com for general information, or www.afdc.energy.gov/locator/stations for a detailed list of CNG fueling stations.

M & B Products - A Florida Family Dairy Business

M & B Products, Inc. in Temple Terrace, FL, is a manufacturing and packaging plant for single-serve juice and "Fresh from Florida" milk products marketed to institutions such as schools, hospitals, and jails. The company also operates a dairy farm in Lecanto, FL.



Dale McClellan is the principal owner and president of both locations, and has recently been named the Swisher/Sweets Southeastern Farmer of the Year. He has been a dairy farmer all his life, and prides himself with his innovative and environmentally friendly practices.

The dairy farm milks nearly 700 cows per day. Normal operations incorporate water reuse practices and proper recycling of animal wastes on crops grown on the farm that are harvested as feed for the cows. The solids from the waste are also composted for bedding purposes. This allows the farm to be completely nutrient balanced. In 2004, the farm won the Commissioner of Agriculture's Ag-Environmental Leadership Award.

The packaging plant has recently been annexed into the City of Temple Terrace, and has plans to develop a method of utilizing the waste water to irrigate hay fields to continue to promote proper nutrient balance. There is also a plan in place to convert the fleet vehicles that deliver product long-distance to CNG.

M & B Products, Inc. has a continuing quest to focus on being a good neighbor, to maintain environmentally and ecologically friendly practices, and to continue out-of-the-box thinking to stay ahead of the curve.

News

The Trillium fast-fill public CNG station on HWY 41 and Madison in Tampa has broken ground and should be operational in September 2014.

Dillon Transport recently placed five 12L CNG engines on the road.

The U.S. Department of Energy Electric Car Charging grant is in its final stages and data is currently being compiled. TBCCC member Helda Rodriguez from NovaCharge states that "The charging stations are showing good use, with many of them having significant month-to-month increases in access." Participants in the grant will need to make choices on available software packages for the stations before the end of the year, when the grant period ends.

HART has contracted with Clean Energy to design, build, operate, and maintain their transit CNG project with fast-fill dispensers for buses and other fleet vehicles. Also included in the project are code related safety upgrades to vehicle service facilities.

Alternative Fuel News Corner

Rules on Chapter 50-4 concerning Natural Gas Fuel Fleet Vehicle Rebate via Florida Department of Agriculture Energy Office: <http://www.freshfromflorida.com/offices/energy/>

U.S. DOE EV Price Calculator: www.energy.gov/egallon
Alternative Fuels Data Center: <http://www.afdc.energy.gov/>
Station Locator: <http://www.afdc.energy.gov/locator/stations/>
Vehicle Cost Calculator: <http://www.afdc.energy.gov/calc/>

Upcoming Events

CNG Training Workshop for Fleet Managers, Mechanics, and First Responders coming in September, details to follow.

Next Sierra Club Suncoast Electric Vehicle Collaborative Workshop will be held on Monday, July 29, at 6:00 p.m. in Sarasota. Click [here](#) for more information.

Sierra Club National Plug In Day in Temple Terrace on September 28. Stay tuned for details.

Register for 2013 Florida Energy Summit on October 14th and 15th. For more information, visit www.floridaenergysummit.com.

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 or 813-974-1256

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