

# TREEDC Newsletter

Tennessee Renewable Energy and Economic Development  
Council

April 2016

## City of Middleton, Tennessee Becomes the 100<sup>th</sup> City to Join TREEDC



Alderman "Bo" David Callahan, Alderman Randy Bishop, Alderman "Jimmy" James R. Simpson, Jr., Warren Nevad, the University of Tennessee MTAS, Mayor Jackie Cox, Alderman Doug Henderson, Alderman Richie Yopp

On April 18, 2016, the Mayor and Board of Aldermen adopted a Resolution joining TREEDC as its 100<sup>th</sup> city. Middleton Mayor Jackie Cox and Alderman Doug Henderson advised the audience that technologies in renewable energy can be capitalized even with smaller rural communities.

Middleton is a very small town with a population of around 700 people. Middleton has a large industrial partner, ThyssenKrupp Elevator, which employs close to 1,000 workers. The city has several tens of acres of land in an undeveloped industrial area. There is also a smaller developed industrial complex that has space for additional growth. These two industrial areas are located on either side of the complex occupied by ThyssenKrupp Elevator.

The City of Middleton, although small in size, is very interested in technological advancements in the area of renewable energy. The City has in the past explored the possibility of a facility that processed used tires into biofuels. Welcome to TREEDC, Middleton!

## More Local Governments Join TREEDC in 2016

TREEDC President/Dunlap Mayor Dwain Land has announced more new local governments joining TREEDC.

**Lake County** is a county in West Tennessee and its county seat is in Tiptonville, TN. As of the 2010 census, the population was 7,832. It shares borders with Kentucky and separated from Missouri to the west by the Mississippi River. Reelfoot Lake occupies much of the northern part of the county. The county's history has been largely defined by Reelfoot Lake, a natural lake created by the New Madrid earthquakes of 1811 and 1812. The state gained title to the lake in 1914 and was designated as a hunting and fishing reserve by Governor Austin Peay in 1925. It is now what is called the Reelfoot Lake State Park.

The county has a total area of 194 square miles of which 166 miles is land and 28 is water. In 2010 there were 2,410 households with an average household size of 2.36 and an average family size of 2.92. The median income for a family was \$30,339.

**Millersville, Tennessee** is located in Robertson and Sumner Counties in Middle Tennessee. As of 2015, the population was 6,440. The city has an area of 13.5 square miles. The city was incorporated in 1981 and has grown significantly since that time pursuing grant funds to develop and improve its infrastructure. When first incorporated, the area was sparsely populated with no paved roads and no sewer access. Millersville is now a developing city of the 21<sup>st</sup> century which includes two fire halls and 13 full-time police officers and over 90% of the population are on the city's sewer system.

In the 2010 census there were 1,990 households and the median income for households in the city was \$40,840.

**Elkton, Tennessee**, is located in Giles County, which is located in Middle Tennessee and has a population of 578. The city has a total area of 1.5 square miles which is all land and incorporated in 1907. Elkton is located just two miles off of interstate I-65 (between exit 6 and exit 1) on state highway 31. It is 80 miles due south of Nashville, TN and 25 miles north of Huntsville, Alabama. The first permanent white settlement in Giles County was in 1808 on the Elk River at the mouth of Richland Creek. This settlement was known as Elkton or Elkville.

In the 2010 census there were 203 households and the median income was \$28,281.

Congratulations Lake County Mayor Denny Johnson, Elkton Mayor Carolyn Thompson and Millersville Mayor Tim Lassister for joining TREEDC.

# TREEDC Board Member Pat Riley to Spearhead Cross County Natural Gas Caravan to Promote Awareness

This CNG USA Rally presented by the American Public Gas Association and NGV America is May 30th through June 10th. Pat Riley will lead the 3,144 mile natural gas vehicle caravan beginning out West in Long Beach, California with media stops along the way in Mesa, Arizona; Albuquerque, New Mexico; Oklahoma City, Oklahoma; and Little Rock, Arkansas.



Next, the caravan will travel through the state of Tennessee with four media stops:

***Memphis at MLG&W - June 6, 2016***

***Trenton at Gibson County Utility District - June 6, 2016***

***Dickson at Greater Dickson Gas Authority - June 7, 2016***

***Sevier County at SCUD - June 7, 2016***

Heading East, the rally then travels to Rock Hill, South Carolina; Greenville, North Carolina; Richmond, Virginia and then ends in Washington, D. C.

If you are interested in being a part of this once in a lifetime event, please contact Pat Riley at [pat@gcud.net](mailto:pat@gcud.net).

If you are interested in being a sponsor for the rally, please contact Sheila Deringis with APGA at [sderingis@apga.org](mailto:sderingis@apga.org).

We hope you will join Pat Riley, APGA members nationally and TGA members state wide as we rally across the United States From Sea to Shining Sea!

## TREEDC Conducts Renewable Energy Forum at Christian Brothers University on Earth Day 2016



Jimmie Tucker, Keynote speaker at TREEDC-Christian Brothers University Forum in Memphis



Mayor Dwain Land and visitors from FedEx and Germany visit Christian Brothers University Forum

On April 22, 2016, TREEDC held an educational forum at Founding Member Christian Brothers University in Memphis, Tennessee. Attendees heard presentations in energy efficiency, solar energy and compressed natural gas. TREEDC Founding Member NORESKO was also a sponsor.

Jimmie Tucker was the keynote speaker and gave various examples of blending architecture with solar in the Memphis area.

## TREEDC Initiates Renewable Energy Projects in the Philippines



Thomas Austin speaks at PAEPI Conference

The Tennessee Renewable Energy & Economic Development Council (TREEDC), an international grassroots renewable energy organization of 100 mayors formed in 2008 by the University of Tennessee Institute for Public Service, returned to the Philippines from February 8 to February 29, 2016. The TREEDC delegation consisted of TREEDC President/Dunlap Mayor Dwain Land, The University of Tennessee Municipal Technical Advisory Service (MTAS) Management Consultant/TREEDC Director Warren Nevad, President of Pasig City University/TREEDC Honorary President of International Affairs Dr. April Alcazar, Hannah Solar Representative Doug Jackson, TREEDC Member/President of Harmon Construction Steve Harmon, Tennessee Solar Solutions Vice President Brandon Carter, Hannah Solar Business Development Manager James Talley, and Acres Energy President Thomas Austin.

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The TREEDC delegation participated in the Annual Philippine Association of Program Extension Implementers (PAEPI) conference held at the University of Philippines-Diliman which consisted of over 75 universities providing outreach similar to the University of Tennessee Institute for Public Service. (IPS). Members of the TREEDC delegation also met with Makati Vice Mayor Leonardo Magpantay, Puerto Princesa Mayor Lucilo Bayron, Lapu - Lapu Mayor Paz Radaza and legal staff with Cebu Mayor Attorney Michael Rama. MTAS Management Consultant Nevad and Mayor Land shared best practices in municipal management with these cities.

During the 2 day PAEPI Conference, Thomas Austin with Acres Energy shared their plans of coordinating renewable energy with USA technology providers to promote TREEDC's mission of connecting renewable energy with economic development. The TREEDC delegation made plans for future educational forums at Palawan State University, University of Rizal System and social responsibility and clean energy projects in Tacloban. Plans were also developed to implement solar facilities for the City of Virac and TREEDC member Catanduanes State University. Memorandums of Understandings were created with Technological University of the Philippines (TUP) and Naga Metro Chamber of Commerce to promote educational awareness, capacity building and project development. Members of the TREEDC delegation also visited Iloilo City and the Subic Bay area.

TREEDC also held a forum at TUP Visayas. Schools that participated in this forum included TREEDC members Northern Negros College of Science and Technology (NONESCOST), Carlos Hilado Memorial State College and private schools in the Bacolod area. Negroes Occidental Governor Alfred Maranon Jr. declared the province as the Solar Energy Capital of the Philippines. The TREEDC delegation also met with officials from San Beda College to share plans for community solar and student exchange programs. TREEDC also discussed replicating their organization in the Philippines with TUP to generate more support from the Philippine government and stakeholders. TREEDC concluded its trip by meeting with Renewable Energy Association of the Philippines President Oly Serafica to discuss plans for the upcoming Power Trends Conference, pico-hydro development in Mindanao and TREEDC's return trip in July 2016.



Mayor Land, and TREEDC delegation visiting Makati Vice Mayor Leonardo Magpantay



TREEDC Visits Tacloban