

TREEDC Welcomes New President: Dunlap Mayor Dwain Land



TREEDC President Emeritus Talley left and New TREEDC President Dunlap Mayor Dwain Land at Sequatchie County Veterans Memorial Park

On June 9, 2015, the TREEDC board of directors appointed Dunlap Mayor Dwain Land as its third President since 2007. Mayor Land has served the citizens of Dunlap since May 2009 and has shepherded unprecedented commercial developmental progress for the Sequatchie Valley region. In a gesture of gratitude, the TREEDC board has also named Ducktown Manager James Talley as TREEDC Honorary President Emeritus for his role in establishing local community development in renewable energy in Tennessee and the Philippines over the years.

President Emeritus Talley will be consulting for one of our TREEDC business members and will continue to support our mission of linking renewable energy with economic development in Tennessee and the Philippines. Please welcome and congratulate Mayor Land as he works to continue to build upon the TREEDC legacy built by the efforts of James Talley.

TREEDC Founding Member Gibson County Utility Opens State of the Art Compressed Natural Gas Station

The Gibson County Utility District Board of Commissioners opened their state-of-the-art compressed natural gas station on May 19, 2015. The \$1.5 million natural gas fueling station is located in Trenton. This energy complex will be the greenest natural gas refueling station in Tennessee. Solar arrays will provide clean energy to help offset the electricity for the new complex. The station will be a national model in West Tennessee. Congratulations to Pat Riley, TREEDC board member and Executive Director of Gibson County Utility District and his fine staff.

Features of the station include a Kohler gas generator set that produces power for the station from natural gas — and the power generated is the equivalent of taking 35 homes off the electric grid while helping the Tennessee Valley Authority supplement its power supply. Andalay solar panels — the first production run in the nation — help keep the station off the grid, and the panels supply LED lighting for the fueling canopy. Solar energy provides the energy to display the price of fuel. Safety lighting for the evening is also independently solar-powered at the station which cost about \$1.7 million to construct.

The fueling station, the 10th public station in Tennessee, provides compressed natural gas (CNG) for inbound and outbound material supply, public and private service organizations and public transportation

TREEDC Member City of Cleveland, TN Wins Statewide Green Leadership Award



TREEDC Member Cleveland, Tennessee receives TML Green Leadership Award

Cleveland's efforts to be environmentally aware have been recognized by the Tennessee Municipal League through its "Excellence in Green Leadership" award. The award was presented during the 76th Annual TML Conference in Nashville.

Cleveland Mayor Tom Rowland said in a press release the organization highlighted "Cleveland's leadership in green and substantiality initiatives through partnerships with organizations such as Cleveland State Community College, Tennessee Valley Authority's Green Power Switch, Tree City USA and as active members of Tennessee Renewable Energy and Economic Development Council" as reasons for its selection this year.

A partnership with the University of Tennessee Knoxville's Smart Communities initiative that outlined projects to increase sidewalks and bicycle safety on Inman Street, preserve streams and reuse empty manufacturing facilities was also listed as a key reason Cleveland was selected for the award.



TREEDC Board Member Pat Riley, far right at a TREEDC Forum

TREEDC Member Somerville Wins Energy Efficiency Award

The Somerville Board of Mayor and Aldermen has recently completed an innovative street lighting program, which has resulted in a considerable savings to the Town – one with impressive environmental benefits, as well. The project, named the “Street Light Energy Efficiency Program” (SLEEP), involved the replacement of some 452 conventional street lights with highly efficient LED bulbs. The project has served to reduce expenses in the Town’s State Street Aid Fund by some \$75,000 per year, with a return on the Town’s investment to be completely recovered in only 27 months.

Somerville’s willingness to innovate has resulted in a substantial savings to the community, a reduction in the Town’s energy consumption and environmental footprint, and street lights which are brighter and more aesthetically pleasing. By any reasonable standard, this has been a very successful project and one worthy of recognition by the Tennessee Municipal League.

Hannah Solar Joins TREEDC as a Founding Member

The 96 mayors of TREEDC welcome our newest founding member: Hannah Solar. This leading solar company is a full service, certified solar integrator dedicated to providing the very best in engineering products, installation and servicing of solar arrays, EV charging stations, critical backup generators and LED lighting. Hannah Solar has been very active in helping TREEDC's city members with developing affordable solar to power their infrastructure needs. Hannah solar is currently organizing solar workshops with TREEDC across the state and will partner with TREEDC Founding Members Vis Solis, NORESCO, PHG Energy, and Farmer Morgan with project development in Tennessee and the Philippines.



Sunbright Mayor Dennis Reagan, left and Greg Kelly, Hannah Solar

TREEDC Returns for July Trade Mission in Philippines



TREEDC and Technological University of the Philippines visit future campus site for 13,000 students in Pampanga

In order to build upon the momentum of its first solar development project in the Philippines, new TREEDC President Dwain Land and Director Warren Nevad will be traveling to the Philippines to continue to connect Tennessee's best practices in renewable energy with its Philippine network of cities and universities. TREEDC has organized an informational session with Jim McCarthy of the U.S Commercial Service to help create a path to fast track more renewables from Tennessee businesses in the Philippines. Earlier in the year, a 78 kilowatt rooftop solar project was installed at Puerto Princesa City Hall. This innovative financing/operational design project has become an International Showcase for TREEDC Founding Member Vis Solis. During the July trade mission, TREEDC will coordinate site visits with its Philippine network across the country. TREEDC will also partner with Philippine Association of Extension Program Implementers (PAEPI) to conduct a national conference for its university members across the Philippines. The University of Tennessee Municipal Technical Advisory Service and Tennessee Tech have partnered with PAEPI on various outreach programs.

TREEDC Members Win 2015 Governor's Environmental Stewardship Awards

TREEDC Members McMinnville and Memphis Light Gas and Water (MLGW) were awarded the 2015 Governor's Environmental Stewardship Awards (GESAs) on June 23, 2015. Tennessee Gov. Bill Haslam and Tennessee Department of Environment and Conservation Commissioner Bob Martineau presented McMinnville and MLGW with these prestigious awards.

Memphis Light Gas and Water (MLGW) is reducing area diesel emissions and improving air quality in Memphis and on state highways by building and assisting in the development of natural gas fueling stations. Providing alternative fuels helps to reduce air pollution and address the city's poor air quality. MLGW is currently operating the only public access compressed natural gas station in Memphis. In 2014, it built a second compressed natural gas station in South Memphis and there are plans to construct a third one. MLGW has 92 compressed natural gas powered vehicles and four tank trailers allowing them to save more than 37,000 gallons of gasoline and more than 100 tons of greenhouse gas. Last year, their stations sold more than 250,000 units of compressed natural gas which resulted in reductions of greenhouse gas emissions, NOx and VOCs, particulate matter and other tailpipe air pollutants. In 2014, MLGW's fueling station enabled local companies to switch out their fleets to compressed natural gas because of easy access to their fueling stations. Inland Waste, a garbage collection in Memphis, purchased 24 new trash trucks powered by compressed natural gas; which in turn saves the company's bottom line 30 percent and reduces its emissions by 90 percent per truck.

McMinnville converted its entire city street lights to LED's reducing their energy use, saving tax payers money and providing citizens with safely lit streets. McMinnville is the first city in the Tennessee Valley to totally convert its street lights to LED's. Approximately three years ago, TREEDC Mayor Jimmy Haley decided he wanted to replace city street lights with LED (light emitting diodes) and he began working with McMinnville Electric System to find a cost-effective LED. The city chose an extended life, 15-year photocell to control when the street lights come on and off and saved more money as LED's don't have to be maintained as much as the standard street lights.



TREEDC Board Member/Memphis Councilmember Dr. Edmund Ford, Jr.

TREEDC Board Member & Livingston Mayor Curtis Hayes Appointed President of the Tennessee Municipal League

Congratulations to TREEDC Livingston Mayor Curtis Hayes for being appointed President to the Tennessee Municipal League for 2015-2016. TREEDC Board Member and former Tennessee Municipal League President Dale Kelley also welcomed Mayor Hayes to this prestigious post.



New TML President/Livingston Mayor Curtis Hayes, left and TREEDC President Emeritus James Talley

Save the Date: 2nd Annual Conference at Tennessee Tech University



Nevad and TREEDC Board Member/Huntingdon Mayor Dale Kelley at TML Conference

Please mark your calendar for the 2nd Annual TREEDC International Conference to be held on December 14th and 15th at Tennessee Tech University. Hannah Solar President Pete Marte will be the keynote speaker. Please check out http://treedc.us/upcoming_events/pdfs/10132015.pdf for information. The early bird registration of \$50 ends October 1, 2015. There are sponsorship opportunities available. Sponsors include Clean Line Energy, Tennessee Environmental Conference, Hannah Solar and NORESCO.