

TREEDC 2015 NEWSLETTER

VOLUME 2



Vis Solis President Carlos Mayer, University of Tennessee MTAS Consultant/TREEDC Director Warren Nevad, and German Ambassador to the Philippines Thomas Ossowski

TREEDC/ MTAS COMPLETES FIRST MUNICIPAL SOLAR PROJECT IN THE PHILIPPINES

On April 24, 2015, TREEDC Founding Member VISSOLIS, the University of Tennessee Municipal Technical Advisory Service the German Energy Agency DENA, and city officials held its solar inauguration of a 78 kilowatt rooftop solar plant at Puerto Princesa, Palawan Philippines city hall. This was the first renewable energy project completed in the Philippines by a TREEDC Tennessee member business.

The City of Puerto Princesa will save 300,000 pesos annually and the solar power plant will provide 33 percent of the electricity needs for the 4 story municipal complex. This innovative project required zero capital outlay monies and will also provide the city with energy independence from brownouts and become a TREEDC model showcase project for its Tennessee and international members.

Upcoming Events:

- 2015 Membership Drive
- Gibson County Utility District
May 19th
- TML Conference
June 8-9
- East Ridge Forum
June 2015
- International Trade Mission
July 14-30
- Crossville Forum
September 2015
- Tennessee Tech Conference
December 14-15

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MORE PHOTOS FROM THE PHILIPPINES:



Puerto Princesa 78 kw Solar Rooftop



Warren Nevad, Dr. Marites Geronimo, Philippine Normal University (PNU), Dr. April Alcazar, Pasig City University, Dr. Rebecca Nueva Espana (PNU), Dr. Gina Basa, Technological University of the Philippines and Fred Perdon, Central Bicol State University enjoy the festivities.

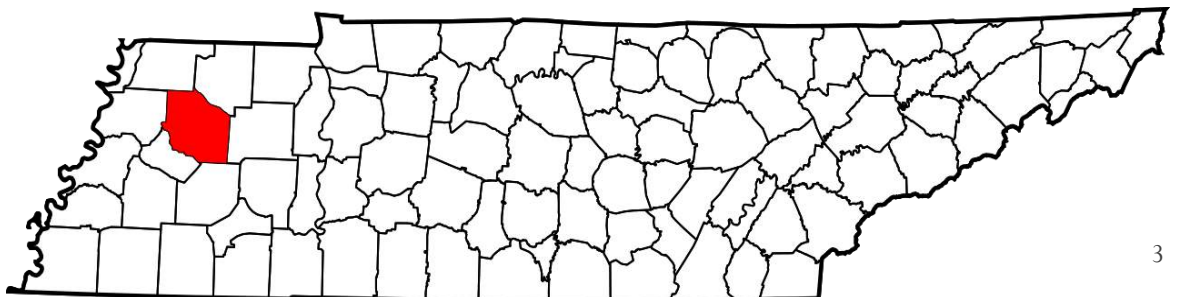


Gibson County Utility District Executive Pat Riley and representatives at ground breaking in 2014

TREEDC FOUNDING MEMBER GIBSON UTILITY SETS MAY 19, 2015 GRAND OPENING OF NATURAL GAS STATION

The Gibson County Utility District Board of Commissioners will open 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 and we urge you to attend this historic event. Congratulations to Pat Riley, TREEDC board member and Executive Director of Gibson County Utility District and his fine staff.



CITY OF LEBANON GETS GREENER

Tennessee Renewable Energy & Economic Development Council (TREEDC) members PHG Energy and TREEDC Mayor Philip Craighead of the city of Lebanon, Tennessee, have signed a deal to install a gasification plant at the city's wastewater treatment plant. The project will employ a downdraft gasification technology to daily convert up to 64 tons of blended waste wood, sewer sludge and scrap tires into power, up to 300 kilowatts that will be used for the power needs of both the plant and the wastewater treatment facility.

PHG Energy completed a similar, but smaller-sized project in TREEDC member city Covington, Tennessee in 2013. While a standard gasifier, such as the one installed in Covington, can convert up to 12 tons of feedstock per day to fuel gas, the Lebanon model will process up to 64 tons per day without substantially increasing the footprint of the plant. The project is scheduled to be complete in early 2016. TREEDC urges other cities across the state to look into the benefits of diverting landfill waste and converting it to energy.

TREEDC Welcomes New Board Members

During the TREEDC Annual Board meeting held on January 26, 2015, the TREEDC Board of Directors appointed Huntingdon Mayor Dale Kelley and Livingston Mayor Curtis Hayes as new board members replacing former Crossville Mayor J.H. Graham, III and former Gainesboro Mayor John Fox. TREEDC looks forward to working with our new board as we try to integrate more community based renewable energy systems in Tennessee and to expand our international business opportunities for our Tennessee business members.



Chris Koczaja of PHG Energy featured at a prior TREEDC Forum.

TREEDC MEMBER CLEAN LINE ENERGY PARTNERS GETS APPROVAL

TREEDC Member Clean Line Energy Partners' developmental plan to build a \$2 billion transmission line from Oklahoma to Tennessee has gained approval from state regulators to extend the line into Memphis. The approval by Tennessee Regulatory Authority moves the company one step closer toward erecting a 700-mile line to bring wind energy from the plains of Texas and Oklahoma to the hills of the Tennessee Valley.

Construction may begin as soon as next year and the 3,500-kilovolt line could be in operation as soon as 2018 if developers gain required regulatory approval and utilities agree to buy the wind-generated power the line will carry.

Before construction of the direct-current power line may begin, however, the privately owned transmission company must still gain approval from the U.S. Department of Energy for a joint project proposed by Clean Line Energy along with the Southwestern Power Administration.



Max Shilstone, Clean Line Energy Partners



USDA, TREEDC and NORESKO officials at Cookeville Workshop

NORESCO PARTNERS WITH USDA RURAL DEVELOPMENT

TREEDC Founding Member USDA Rural Development and NORESKO recently partnered together to host two Rural Energy for America grant program workshops in TREEDC member cities Cleveland and Cookeville. A total of 34 attendees also heard presentations from TREEDC and the State of Tennessee Office of Energy Programs. The workshops are ideal for rural small business owners, agricultural producers, lenders, rural electric cooperatives, and energy resource providers that are interested in learning more about financial assistance for renewable energy and energy efficiency projects. Tennessee Tech University provided the venue for the February 26th workshop on campus.

