



TREEDC - 2014

Quarterly Newsletter 2014 Vol. 1

January 2014

Careers in Energy Week: February 10 – 14th, 2014



do you **feel** The**ENERGY?**



TREEDC has partnered with the Tennessee Energy, Industry and Construction Consortium (TEICC) to hold a statewide essay writing contest for middle school students in Putnam, Gibson, Overton, White, and Roane counties during Careers in Energy Week from February 10 – 14th, 2014. The theme will be Renewable Energy and Careers for the Future. The students will be asked to write an essay describing how energy workers can make a world of difference. The students will also describe the energy sectors that hire those positions.

Representatives from TREEDC members organizations Tennessee Tech Univ., Tennessee Gas Association, Gibson County Utilities, SE Tennessee Development District, Roane County, Memphis Bioworks and Milan Chamber of Commerce will be organizing and canvassing the essays which include prizes for 1st, 2nd, and 3rd place winner for each region. Winners will be announced soon. This will be a wonderful opportunity to create more awareness in energy careers for our youth across the state! If your city or county is interested in adopting a proclamation, please email Pauline Vernon, Director, Workforce Dev. Memphis Bioworks at PVernon@memphisbioworks.org for more information. We plan to make this an annual tradition of engaging students all other Tennessee about the career opportunities in energy

TREEDC, TEICC and the Tennessee Department of Labor and Workforce Development will partner in 2014 to conduct workforce development educational forums at various schools across the state. TEICC is one of the first of over 25 state consortia under the Center for Energy Workforce Development (CEWD), a non-profit consortium of utilities to develop solutions to the coming workforce shortage in the utility industry.

Upcoming Events

January-February 2014 –
TREEDC 2014 Membership
Drive

February 7—TREEDC-W.E.B.
DuBois Elementary School
Forum: Memphis, Tennessee

February 10-14 – Careers in
Energy Week School Essay
Contest

February 19 –Euromoney
Philippines Investment Forum:
Manila, Philippines

February 20-22 – TREEDC/Vis
Solis Rural Development
Conference: Butuan City,
Philippines

February 27—TREEDC/
Maritime Academy of Asia and
the Pacific Forum; Balanga,
Bataan Philippines

2014



TREEDC Appoints New Boardmember



at Annual Meeting

The TREEDC Board of Directors held its annual meeting at Ducktown City Hall on October 16, 2013. The board appointed Dunlap Mayor Dwain Land to the board. The board adopted the 2014 dues schedule that remains unchanged from 2013. The annual dues for all local governments in Tennessee remain at \$100. Other business conducted included the adoption of the TREEDC Elementary School Program, International Exchange Program, 2014 budget and calendar of activities. The 2014 TREEDC Board of Directors are:

UT President Emeritus Dr. Joe Johnson, Chairman

Ducktown Mayor James Talley: President

Dunlap Mayor Dwain Land: Treasurer

Crossville Mayor J.H. Graham III, Secretary

Graysville Commissioner Andy Beene, Vice President

Monroe County Economic Development Director Shan Harris

Gibson County Utilities Director Pat Riley

Memphis Councilman Dr. Edmund Ford, Jr.

Kingston Mayor Troy Beets, East TN Coordinator

TREEDC Holds Strategic Planning Retreat

On October 17-18, 2013, TREEDC held a 2014 goal setting session with Founding Members Tennessee Department of Environment and Conservation, the University of Tennessee, Tennessee Tech University and the Tennessee Gas Association. MTAS Management Consultant Margaret Norris was the facilitator and did a wonderful job in developing encompassing goals and strategies for 2014. The participants reviewed TREEDC's 2013 goals and plotted a path for 2014 starting with the development of the Inaugural Annual International Renewable Energy Conference with Tennessee Tech on October 12-14th in Cookeville. Franklin Sustainability Coordinator Andrew Orr and Tennessee Tech University Interim Director of External Relations Dr. Dennis Tennant will be coordinating the logistics of this conference.

The Retreat also involved discussions of setting up a tax exempt bond fund for energy projects and to complete one funding project in 2014. TREEDC also plans to restructure its Outreach Programming by conducting elementary school forums, enhancing its International Exchange Program and organizing annual conference in Tennessee and the Philippines.



TREEDC Announces 2014 Membership Campaign

TREEDC Chairman/
University of Tennessee
President emeritus Dr.
Joe Johnson and
TREEDC President/
Ducktown Mayor James
Talley launched the 2014
annual membership drive
on December 1, 2013.
The goal of the campaign
is to enroll 100 city and
county mayors to the
TREEDC membership.
Benefits include an
annual report, quarterly
newsletters, technical
assistance, sponsorship
and speaking
opportunities at our
annual conference.
Founding Member
benefits also include
participation in the
TREEDC International
Exchange Program .
Please click [http://
www.treedc.us/
membership/index.html](http://www.treedc.us/membership/index.html) to
sign up for membership.



TREEDC Partners with Pew Charitable Trusts at Kingsport Forum

The Tennessee Renewable Energy & Economic Development Council (TREEDC) held its first educational luncheon forum at the Kingsport Higher Education Center on October 29, 2013. TREEDC partnered with Founding Member Pew Charitable Trusts and the City of Kingsport to showcase area renewable energy initiatives to area stakeholders. Representatives from the University of Tennessee Center for Industrial Services, Tennessee Valley Authority (TVA), Eastman, Erwin, Johnson City, Bristol Congressman Phil Roe's staff and area local officials attended the first TREEDC- Tri-Cities forum. Emily Bryan, Martin Penny and MTAS Management Consultant/TREEDC Director Warren Nevad crafted the agenda.

Max Shilstone, Director of Business Development for TREEDC Gold member Clean Line Energy Partners provided a video to describe the Plains & Eastern Clean Line Project which will connect Tennessee to superb wind resources of Great Plains with a High Voltage Direct Current (HVDC) transmission line. This HVDC line focuses on connecting renewable resources to load centers. The transmission line uses narrower right-of-ways than equivalent Alternating Current and has lower line losses. This line which begins in Guymon, Oklahoma and ends in Tipton County, Tennessee will bring hundreds of direct jobs during construction. The \$300 million investment in transmission facilities in western Tennessee will provide significant tax revenues to Tennessee. He concluded his remarks by expressing his appreciation to TREEDC and TVA for helping him engage with community officials, business leaders, landowners, and other stakeholders in the project area.

TREEDC Director Appointed to Knoxville Sustainability Advisory Board



TREEDC Director Warren Nevad was recently appointed to the Knoxville Sustainability Advisory Board. The work of the board includes reviewing the 2011 Energy & Sustainability Work Plan, which was developed with extensive community and stakeholder input. It outlined 35 strategic action items through which the City would improve the sustainability of municipal operations and the larger Knoxville community. Many of those actions are complete or firmly underway. This 2013 Energy & Sustainability Work Plan Update summarizes the progress made on these actions and provides more detail about the impacts of the City's sustainability efforts. It identifies next steps for action items currently in progress and also adds several new action items that leverage new opportunities and priorities. Although it structured to reflect the six original work plan categories, several action items have been re-categorized. There is also a new "Urban Agriculture & Landscape" section that highlights Mayor Madeline Rogero's administrative focus on urban food and landscapes. Designed as both a retrospective report card and a forward-looking planning document, this Update, alongside the details provided in the original Work Plan, will guide the Office of Sustainability for years to come.

TREEDC Welcomes New Members

During December 2013, Stanton, Tennessee Mayor Alan Sterbinsky and Oliver Springs Mayor Chris Helper joined the TREEDC Advisory Board to increase our Tennessee membership total to 94 mayors. Also, the Tennessee Association of Utility Districts became a member of TREEDC. TAUD serves over 500 utilities and businesses in Tennessee. Their mission is to provide the highest quality, legal and operational support to assist its members in delivering safe and efficient services is to provide



Save the Date: October 12 – 14th, 2014

Please mark your calendar for October 12 - 14, 2014 for our Inaugural Annual Conference at Tennessee Tech University in Cookeville. Please see attached notice link below and let us know if you are interested in being a sponsor and/or presenter at this event. We will cover all clean energy technologies and will share Tennessee, national and international best practices in renewable energy.

Tennessee Renewable Energy and Economic Development Council International Conference Oct. 12, 13 & 14, 2014

*"Fueling International Excellence in Renewable
Energy Through Research and Innovation"*

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TREEDC Member City Memphis Announces Clean & Green Initiative



Memphis Mayor A C Wharton recently unveiled the Clean & Green Initiative. Led by TREEDC Member Memphis Bioworks, the initiative is a five-year sustainability strategy for the City of Memphis that will create local jobs, reduce the City's operating costs and improve the environment.

As part of the initiative, Bioworks is embarking on one of the largest municipal solar projects in the nation. Memphis Civic Solar is a leading-edge project for the City of Memphis that will install 1.5 Megawatts of solar energy systems -- or 6,000 solar panels -- across 30 different municipal buildings (50 kilowatts each) in neighborhoods throughout Memphis while putting local Memphians to work.

When completed, Memphis Civic Solar will position Memphis as a national leader in sustainability and will create positive and measurable environmental, economic and social benefits for the citizens of Memphis. For more information go to <https://ioby.org/project/memphis-civic-solar>.



TREEDC Founding Member TVA is now accepting applications under Solar Solutions Initiative for projects 50kW-1MW. Approvals will be granted on a first-come, first-served basis. Solar experts expect program capacity (16MW) to be met quickly.

Green Power Providers for projects 50kW or less is accepting reservation forms for a limited time from Jan 15-Feb 17. TVA has allocated 4MW for residential projects and 6MW for commercial projects. Feel free to contact treedc.news@gmail.com for more information.

TREEDC /Founding Member Vis Solis Assists with Philippine Typhoon Recovery

During December 2013, 80 emergency power kits for the Typhoon Yolanda effected areas, each containing solar charging/lighting units with a portable radio, were delivered by the Tennessee Renewable Energy & Economic Council (TREEDC), Vis Solis and the Renewable Energy Association of the Philippines (REAP) to Department of Energy (DOE) Assistant Secretary Raymund Acol. The power kits can now aid in the recovery efforts in the typhoon affected areas, and subsequently provide some off-grid households with a sustainable renewable energy resource after recovery. TREEDC

International Consultant Douglas Jackson added that TREEDC member University of the Philippines-Visayas campus in Tacloban would receive some of these units, and that others may be sent to the Eastern Samar province area, as power on Leyte Island is expected to be restored much sooner than on Samar.

These power kits were funded by Vis Solis, a Tennessee renewable energy based company that is developing world class solar electric systems in Tennessee and the Philippines. Vis Solis is a Platinum Founding Member of TREEDC and is assisting with TREEDC's International exchange Program in the Philippines with REAP which links educational awareness and social responsibility programs among Philippine and Tennessee cities, universities and businesses. TREEDC also expressed its appreciation to REAP President Oly Serafica and Assistant Secretary Acol .

