



## TREEDC Newsletter April 2019



### TREEDC Partners With Just Be Green Villages of America

The Tennessee Renewable Energy & Economic Development Council (TREEDC) President/Dunlap Mayor Dwain Land, University of Tennessee MTAS/TREEDC Director Warren Nevad and Chief Operating Officer of Just Be Green (JBG) Villages of America Gary Hunt recently announced a strategic marketing and educational alliance for a planned future state of the art sustainable mixed used green community village in Morgan County, Tennessee.

JBG Villages was granted a special development area with the passage of House Bill 2116 by the Tennessee General Assembly in 2018. This visionary legislation was sponsored by Senator Ken Yager and Representative John Mark Windle and signed by then Governor Bill Haslam. As a result, the law authorizes Morgan County officials to establish a special developmental area to create jobs and economic growth.

The minimum development area of 2,000 acres is designated for sustainable living and economic development. JBG Villages will build a mixed use development village that includes global green labs, environmentally sensitive housing, green academy, and Veterans' health services along with sustainable agriculture and aquaculture technologies.

JBG Villages of America desires to develop the largest greenhouse in the world along with an aquaponics park. Hunt also announced that JBG Villages of America is excited to develop the first agro village and smart tech community that will be built from the ground up. The technology – driven community development will blend the beauty and splendor of Sunbright and Morgan County's natural resources with state of the art green technology for economic development. TREEDC President Dwain Land believes that this development will be a worldwide educational showcase of mixed used green development blending with the environment.

More information about Just Be Green Villages of America can be found here:  
<https://www.justbegreenvillagesamerica.com/>



*Left to right: Sunbright Mayor Karen Melton, MTAS Management Consultant Warren Nevad, JBG CEO Gary Hunt, Highland Telephone Cooperative CEO Mark Patterson, and Morgan County Mayor Brian Langley*

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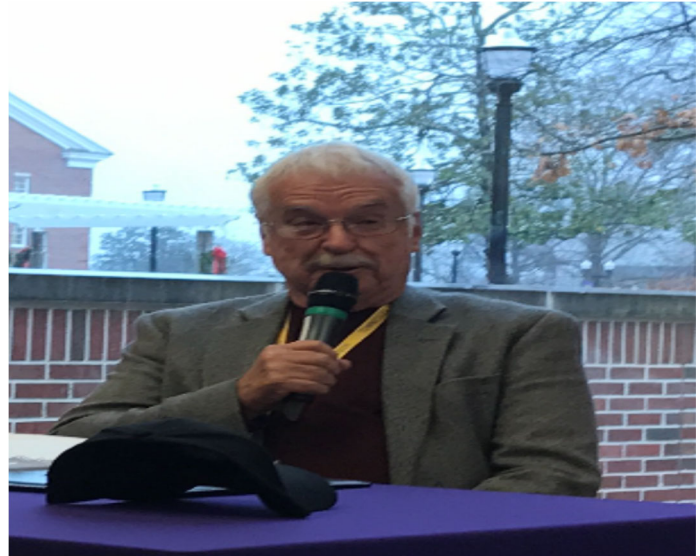
## TREEDC Town of Monterey Completes Municipal Solar Projects



*Monterey Water Plant Solar Array*

Congratulations to the Town of Monterey for using solar energy to save on the cost of their electric bills. The town entered into an agreement with TREEDC member Hannah Solar in 2017 to provide solar panels at three locations. The locations include the emergency services building, water intake station and the wastewater plant. A total of 145 kW of solar arrays were installed which will generate at least \$36,000 in savings during the next 20 years.

Monterey/TREEDC Mayor Bill Wiggins is also exploring solar opportunities for the Monterey's industrial businesses and energy efficient lighting for the town.



*Monterey Mayor Bill Wiggins*

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## TREEDC Member Chattanooga State Holds Career Day with TREEDC

On March 21<sup>st</sup>, Chattanooga State Community College held its annual career day for its students. TREEDC and member Johnson Controls Inc. collected resumes and gave insights to the world of renewable energy. TREEDC will also follow up with a luncheon on campus to discuss further career opportunities in renewable energy. See below for more pictures from career day. Special thanks to Chattanooga State President Debbie Adams for organizing this event. TREEDC looks forward to working with Chattanooga State in the future.



*2019 Chattanooga State Career Day*



*2019 Chattanooga State Career Day*

## **Former University of Tennessee Vice President Tom Ballard Receives Award**



*Former UT Vice President Thomas Ballard*

The Tennessee Advanced Energy Business Council (TAEBEC) bestowed the first-ever Thomas B. Ballard Advanced Energy Leadership Award to Ballard himself, during TAEBEC's Annual Meeting on Tuesday, February 12, 2019 in Nashville. The Thomas B. Ballard Advanced Energy Leadership Award honors exemplary leadership and success in championing, connecting, and strengthening Tennessee's advanced energy economy.

Ballard was TAEBEC's first president upon its launch in 2014 and served on the board of directors until 2019. Ballard also served as University of Tennessee Vice – President for Public and Governmental Relations. TAEBEC announced the Thomas B. Ballard Advanced Energy Leadership Award will be an annual award, accepting nominations every year and presenting the winner with the honor at future annual meetings. Congratulations, Tom.

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## TREEDC Attends USDA Rural Development Conference

TREEDC President/Dunlap Mayor Dwain Land recently attended the USDA Rural Development Conference to discuss recent key rural development initiatives affecting TREEDC member cities across Tennessee. Mayor Land was appreciative of the fine work by USDA Tennessee Director Jim Tracy and Tennessee Department of Economic and Community Development Assistant Commissioner Sammie Arnold.



*USDA Tennessee Director Jim Tracy, Amy Schwend, Poplar Hill, and Mayor Land*

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## Compressed Natural Gas Market Expected to Continue to Expand Drastically Worldwide



*TREEDC Vice President Pat Riley*

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The latest research report on 'Compressed Natural Gas market' by Market Study Report, LLC, presents a detailed analysis concerning market share, market valuations, revenue estimation, SWOT analysis, and regional spectrum of the business. The report further highlights key challenges and growth prospects of the market, while examining the business outlook comprising expansion strategies implemented by market leaders.

The global Compressed Natural Gas market is valued at \$ 16,200 million in 2018 is expected to reach \$ 48,200 million by the end of 2025. Thanks to the efforts of TREEDC Vice President/Gibson County Utility District Director Pat Riley, more and more communities are installing compressed natural gas stations across Tennessee.

Request a sample of this premium report titled Global Compressed Natural Gas Market Research Report 2019 at: <https://www.marketstudyreport.com/request-a-sample/1801976>

Compressed natural gas (CNG) (methane stored at high pressure) is a fuel which can be used in place of gasoline, diesel fuel and propane/LPG. CNG combustion produces fewer undesirable gases than the fuels mentioned above. It is safer than other fuels in the event of a spill, because natural gas is lighter than air and disperses quickly when released. Biomethane – cleaned up biogas from anaerobic digestion or landfills – can be used.

In recent years, the share of natural gas in the global energy mix has drastically increased. The compressed natural gas (CNG) is used widely in heavy duty transportation vehicles due to affordability and eco-friendliness. With the rise in the environmental issues such as climatic changes and depleting ozone layer many nations across the globe have started using CNG in power production.

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## TREEDC Welcomes New President of Technology University of the Philippines (TUP)



*Mayor Land, TUP President Jose Torres and  
MTAS Consultant Nevad*

On February 5<sup>th</sup>, TREEDC President/Mayor Dwain Land, TREEDC International Affairs Director/Pasig City University President Dr. April Alcazar and MTAS Consultant Warren Nevad met with new TUP President Dr. Jesus Torres to provide an update of TREEDC related activities with TUP. Dr. Torres leads TUP, a coeducational state university in the Philippines. It was established in 1901 by the Philippine Commission. TUP has its main campus in Manila and satellite campuses in Taguig, Cavite, Visayas, Batangas, and Quezon.

TUP has been a member of TREEDC since 2013 and is working with TREEDC to develop solar arrays at its five campuses across the Philippines.

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## **TVA Releases Draft IRP, EIS for Public Review**

TVA recently released its draft 2019 Integrated Resource Plan (IRP) and draft Environmental Impact Statement (EIS). The 2019 IRP is a comprehensive study that provides direction on how TVA can best deliver clean, reliable, and affordable energy in the Valley over the next 20 years. As part of the study, TVA must prepare a programmatic EIS to assess the natural, cultural, and socioeconomic impacts associated with the IRP.

After public input is incorporated, the final IRP and EIS will be available to the public and then presented to the TVA Board of Directors for approval. Once approved, a Record of Decision will be published. Learn more about the IRP and EIS at [www.TVA.com/IRP](http://www.TVA.com/IRP).