

# TREEDC Newsletter

October 2018

## TREEDC Partners with Environmental Defense Fund and Nature Conservancy in Nashville

On August 16, 2018, the Tennessee Renewable Energy & Economic Development Council (TREEDC) participated in a clean energy roundtable discussion conducted by the Environmental Defense Fund (EDF) and the Nature Conservancy. Dodd Galbreath, Founder of the Institute for Sustainable Practice at Lipscomb University moderated the discussion.

Key Takeaways from the roundtable discussion included the following:

- Mayors are the face of the community. It will take mayors to step out on these kinds of issues to get the community to change. Education is essential; and
- Timing is essential for mayors in deciding when to step out on climate change.



From left to right: Sean Collins, Revive Energy; Gary Garfield, former Bridgestone CEO; Dodd Galbreath, Lipscomb University; Sally Palmer, Nature Conservancy; John Ragan, TN State Rep.; Erin Hafkenschiel, Nashville; Warren Nevad, MTAS/TREEDC; Thad Huguley, Consultant; Chris Bowles, Bradley Law; Clint Caldwell, Office of Rep. Ragan; Dave Cooley, Cooley Public Strategies; Martin Penny, Cooley Public Strategies; and Grace Stranch, Branstetter, Stranch & Jennings

## TREEDC President/ Dunlap Mayor Land Meets with Senator Lamar Alexander



TREEDC President/Dunlap Mayor Dwain Land and Senator Lamar Alexander

On August 22, 2018, TREEDC President/Dunlap Mayor Dwain Land met with Senator Lamar Alexander to update him regarding the completion of the Dunlap Energy Efficiency Project, TREEDC 10<sup>th</sup> year anniversary and road infrastructure improvement. TREEDC is also grateful for the support of Evann Freeman, Field Representative for Senator Alexander.

## TREEDC: Looking Back from 2008 to Today

Back in 2008, TREEDC started with four (4) mayors. Thanks to the leadership of former UT President Dr. Joe Johnson, TREEDC now has 108 mayors who are working together to create a path to fast track renewable energy in Tennessee. Thanks to lower costs in solar, more availability of compressed natural gas and more sophisticated energy capital, more communities are engaging in development of renewable energy facilities. TREEDC plans to provide more education and assist with projects across Tennessee the next 10 years. Please see our list below of TREEDC's involvement in renewable energy projects during the past 10 years and thank you to all the wonderful members and volunteers over the years.



TREEDC 2008 and Chairman UT President Emeritus Dr. Joe Johnson

1. The University of Tennessee Institute for Public Service Strategic partnership for renewable energy outreach/publications and local government developmental efforts
2. Tennessee Valley Authority (TVA )Green Power Switch Program coordination
3. TVA integrated Resources Planning participation
4. USDA Rural Development outreach grant implementation
5. Tennessee Department of Environment and Conservation (TDEC) and Pathway Lending Energy Education Initiative implementation
6. Ducktown 50 kw solar, 28 kw solar, electric charging station, blackhawk power saver and CDBG Energy Efficiency grant application assistance
7. Kingston 50 kw solar for water plant, 50 kw solar for wastewater plant technical assistance
8. Franklin 100 kw solar at wastewater plant outreach
9. Gibson County Energy Complex for Compressed Natural Gas planning and outreach
10. Dunlap Energy Efficiency Project facilitation, technical assistance and outreach
11. Somerville Lighting Project outreach
12. Montgomery County Energy Efficiency Project outreach
13. Monterey 100 kw solar for infrastructure facilitation, planning and technical assistance
14. Sunbright 30 kw solar for infrastructure planning and technical assistance
15. Crossville biodiesel project planning, implementation and outreach
16. Lebanon waste to bioenergy project outreach
17. Covington waste to bioenergy facilitation, planning and outreach
18. Jackson compressed natural gas station outreach
19. Fayette County 3 mw solar project outreach and promotion
20. Cookeville Highland Park 1 mw solar project outreach and promotion

21. Morgan County 1 mw solar project outreach
22. Chattanooga 20 mw solar share project outreach and promotion
23. 40 statewide energy forums planning and implementation
24. 3 statewide elementary school planning and presentations
25. International Exchange Program in the Philippines planning and implementation
26. Puerto Princesa, Philippines 75 kw city hall roof top solar project planning and outreach
27. Philippines scholarship program for college members planning and implementation
28. Philippines typhoon assistance planning and implementation
29. Philippines – 18 energy forums planning and implementation
30. Philippines – 12 college presentations planning and implementation
31. Energy Management training for municipal governments curriculum development
32. WestStar/ University of Tennessee Martin outreach
33. Tennessee Tech University Annual Conference planning and implementation
34. Tennessee Municipal League establishment of annual green leadership award
35. McNairy County Energy Efficiency Project outreach and promotion
36. TDEC clean energy grants facilitation and technical assistance
37. State of Tennessee energy efficiency block grants facilitation and technical assistance
38. 2014 Finalist at University Economic Development Association Annual Conference
39. Environmental Defense Fund Legislative outreach/technical Assistance
40. Nature Conservancy Legislative outreach/technical assistance
41. The University of Tennessee at Martin mobile bioenergy outreach
42. The University of Tennessee at Chattanooga energy forum planning and implementation
43. Knoxville Compressed Natural Gas promotion
44. The University of Tennessee Institute for Public Service Vice President citation: 2010
45. Governor’s Award for Excellence in Energy and Renewable Resources: 2012
46. Tennessee Congressional District tours and meetings: Washington, D.C.
47. University Economic Development Association (UDEA) Outreach Finalist
48. Bethel University Energy forum planning and implementation
49. Christian Brothers University energy forums planning and implementation
50. Shelby County/Memphis Sustainability initiatives promotion



TREEDC 2018



TREEDC Chairman: Dr. Keith Carver, Chancellor, The University of Tennessee at Martin 2018



## 2018 Tennessee Sustainable Transportation Forum Held in Knoxville

TREEDC members Tennessee Department of Environment and Conservation (TDEC), Tennessee Department of Transportation (TDOT) and TNCleanFuels held the fourth annual Tennessee Sustainable Transportation Forum & Expo from September 17-18 at the UT Conference Center in Knoxville. Guest panelists and speakers from the U.S. Department of Energy, Oak Ridge National Laboratory, Clean Energy Fuels, the City of Knoxville, GRIDSMART, and more highlighted innovative solutions and implementation best practices for a more sustainable transportation future. The forum included an alternative fuel vehicle and equipment showcase and a luncheon that honored winners of the 2018 Tennessee Sustainable Transportation Awards.



From left to right: Nevad, MTAS/TREEDC; Alexa Voytek, TDEC; AND Dan LeVan, ENER3

## Opportunities in Compressed Natural Gas



From left to right: Sevier County Mayor Larry Waters; Former State Senator Doug Overbey; TREEDC Vice President Pat Riley, Nevad, Matt Ballard, Sevier County Utility District at a prior NGV America event

The National Renewable Energy Laboratory recently issued a Request for Proposals (RFP) to award up to \$11 million for projects that focus on: (1) reducing the cost of natural gas vehicles; (2) increasing vehicle efficiency; and (3) advancing innovative medium- and heavy-duty natural gas engine designs. Projects selected through this solicitation will complement Vehicle Technologies Office research started in FY 2017 to improve the performance, reliability, durability, cost-effectiveness, and efficiency of natural gas vehicles. Cost-effectively achieving diesel-like efficiency in natural gas engines, while meeting emissions standards, will improve the viability of natural gas fueled medium- and heavy-duty vehicles. For more information about the RFP click

<https://www.fbo.gov/index?s=opportunity&mode=form&id=5609407642c6e98e68a9f9a0a4b606e6&tab=core&cvview=0>

Please feel free to contact Pat Riley, TREEDC Vice-president at [pat@gcud.net](mailto:pat@gcud.net)

## Upcoming Events



Tennessee  
Advanced Energy  
Business Council

## SAVE THE DATE: Opportunities in Energy

**When:** Thursday, November 29, 2018

**Where:** The Square Room  
4 Market Square Knoxville, TN 37902

### **TenneSEIA Solar Conference**



The Tennessee Solar Energy Industries Association (TenneSEIA) will host the Tennessee Valley Solar Conference on **November 7, 2018** at the Embassy Suites by Hilton in Murfreesboro. The purpose of the conference is to bring together solar advocates and adopters to discuss strategies, market trends, and policies that impact the Tennessee Valley solar industry.

Visit the conference website to learn more and to register. Interested sponsors and exhibitors should contact Gil Hough at [execdirector@tenneseiasolar.com](mailto:execdirector@tenneseiasolar.com) or 865-789-5482.

### **Mark Your Calendar: TREEDC 5<sup>TH</sup> Annual Conference**

**2018 TREEDC State and National Renewable Energy 5<sup>th</sup> Annual Conference  
Hosted by Tennessee Tech University  
December 13 & 14, 2018**

This conference will feature mayoral panels featuring best practices in economic development, energy efficiency and innovation in renewable energy. Attendees will hear from leaders with State and Federal Government about the future of renewable energy. Conference will also include special awards.

#### Registration Options:

- Individual Registration | \$50
- Day of conference | \$75
- Booth Registration | \$200
- Reception and meals sponsor | \$1000

Contact: [Warren.Nevad@tennessee.edu](mailto:Warren.Nevad@tennessee.edu) for more information.