

# 2017 Green Power Switch News



## Green Power Switch by the numbers

2016 program participation:

**11,665**  
Residential Participants

**464**  
Business Participants

Renewable energy supported<sup>1</sup>:



**68,250** MWh

This generation has an environmental benefit similar to<sup>2</sup>:



or



or



Keeping 91 million pounds of CO<sub>2</sub> out of the atmosphere

Planting 39,185 acres of trees

Not driving a car for 99 million miles

## Green Business Highlight: Tennessee Tech University

Since 2005, Tennessee Tech University (TTU) has been making a sustainability mark in the Cookeville community. It started with the approval of the Green Fee Program, which allowed \$8.00 of the student activity fee to be allocated toward campus sustainability initiatives. Since then, the fee has allowed the university to implement a bike share program, create a green fitness room, purchase electric vehicles, participate in Earth Week activities, and plant trees on campus!

TTU also joined Green Power Switch in 2012 through their local power company, Cookeville Electrical Department, to match their electricity use with renewable energy.

“Participating in Green Power Switch is an easy way for us to create a more environmentally friendly campus that encourages students to live a sustainable lifestyle during and after their time at TTU,” said DeLayne Miller, Sustainability Manager at TTU.

Cookeville Electrical Department values TTU’s commitment to protecting the environment. “We are proud that TTU is not only doing their part to reduce their environmental impact, but also setting a positive example for thousands of students,” said Karen Brown of the Cookeville Electrical Department.

Learn more about their environmental initiatives at:  
[www.tntech.edu/planning-and-finance/facilities/sustainability](http://www.tntech.edu/planning-and-finance/facilities/sustainability)



<sup>1</sup> MWh sales are reported October 2015 - September 2016.

<sup>2</sup> [www.epa.gov/energy/greenhouse-gas-equivalencies-calculator](http://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator). Green-e Energy does not certify or verify carbon emissions claims or methodologies for calculating emissions related to biogas.

## 2017 PROSPECTIVE PRODUCT CONTENT LABEL

Green Power Switch is a voluntary renewable energy program from Tennessee Valley Authority and participating local power companies. The product is sold in blocks of 150 kilowatt-hours (kWh), and is made up of the following new renewable resources.

<b>Green-e Energy Certified New<sup>2</sup> Renewables in Green Power Switch</b>		<b>Generation Location</b>
	2017 (projected) <sup>1</sup>	2017 (projected) <sup>1</sup>
Solar	54%	AL, GA, KY, MS, NC, TN or VA
Biogas	28%	AL, GA, KY, MS, NC, TN or VA
Wind	18%	AL, GA, KY, MS, NC, TN or VA
<b>Total</b>	<b>100%</b>	

1. These figures reflect the electricity that we have contracted to provide. Actual figures may vary according to resource availability. We will annually report to you before August 1 of next year in the form of a Historic Product Content Label the actual resource mix of the electricity you purchased.

2. New Renewables come from generation facilities that first began commercial operation within the past 15 years.

For comparison, the current average mix of resources TVA has purchased or generated includes: Nuclear (33%), Coal (29%), Natural Gas and/or oil (16%), Hydroelectric (8%), and Other (14%). [Source: TVA CY2016]

The average home in the Tennessee Valley uses 1300 kWh per month. [Source: TVA]

For specific information about this electricity product, please contact your local power company or TVA Green Power Switch at [greenpowerswitch@tva.gov](mailto:greenpowerswitch@tva.gov), the toll free Renewable Energy Information Call Center at 1-866-673-4340, or visit [www.greenpowerswitch.com](http://www.greenpowerswitch.com).



**Energy**  
CERTIFIED

Green Power Switch is Green-e Energy certified, and meets the environmental and consumer protection standards set

forth by the non-profit Center for Resource Solutions. Learn more at [www.green-e.org](http://www.green-e.org).