




The State of the Energy Industry

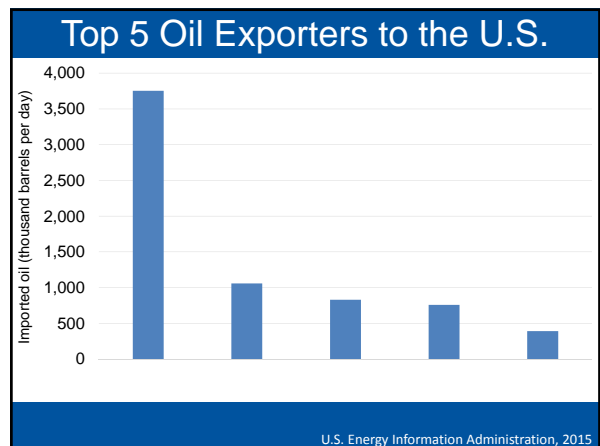
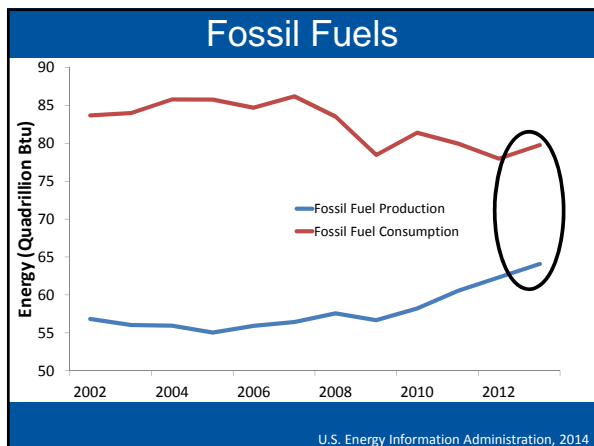
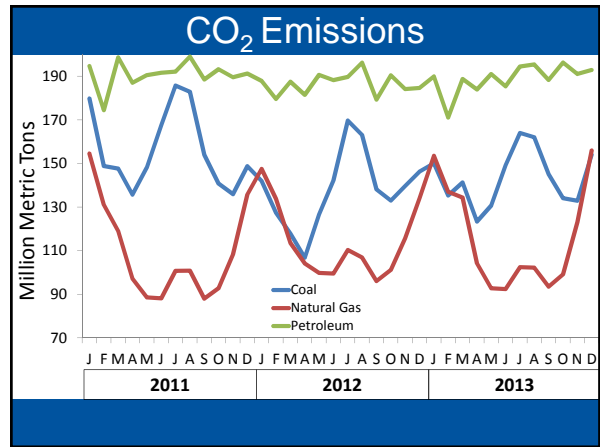
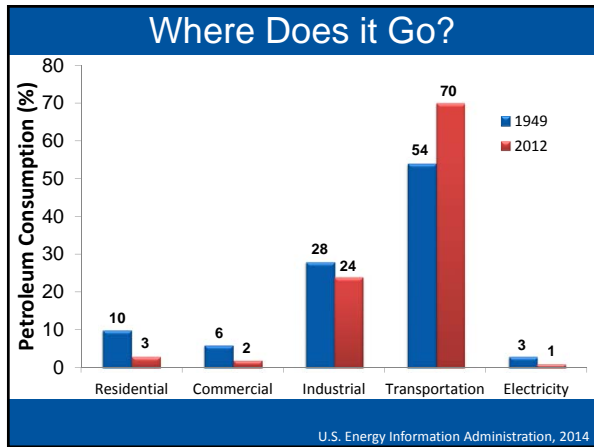
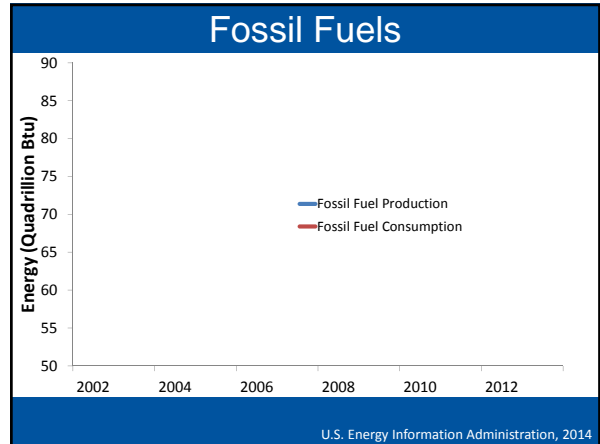
Jason de Koff
Associate Professor
Tennessee State University





TENNESSEE STATE UNIVERSITY
College of Agriculture,
Human and
Natural Sciences





The Headlines

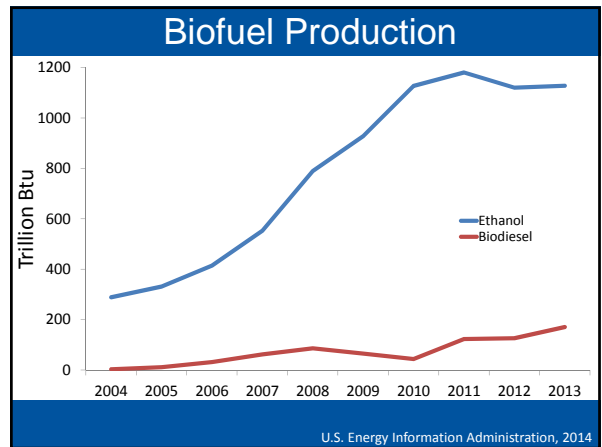
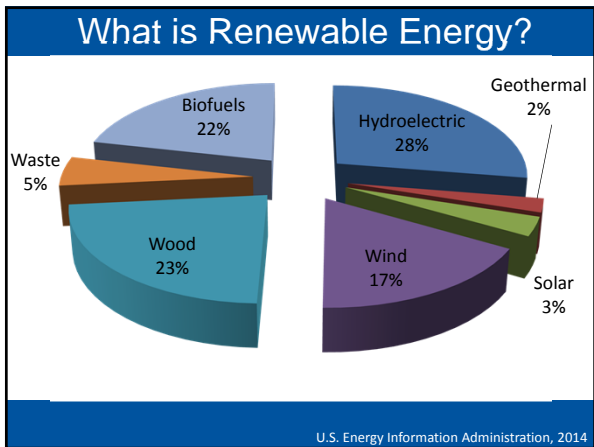
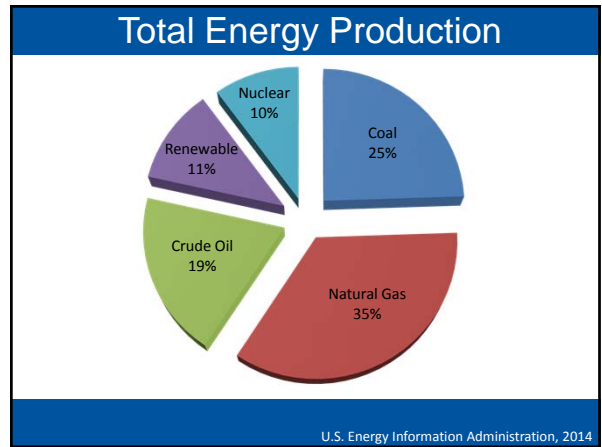
"Oil Prices Rise on Fears of Supply Disruption Over Ukraine" *Wall Street Journal* March 2, 2014
 "Petrol Price Hike Feared as OPEC Forecasts Rising Oil Demands" *The Guardian* March 12, 2014
 "Unrest in Middle East Pushes Gas Cost Higher" *Boston Globe* July 16, 2013
 "Global Riot Epidemic Due to Demise of Cheap Fossil Fuels" *The Guardian* Feb. 28, 2014
 "Nigerian Union Unrest May Cause Higher U.S. Gas Prices" *Yahoo! News* January 14, 2012

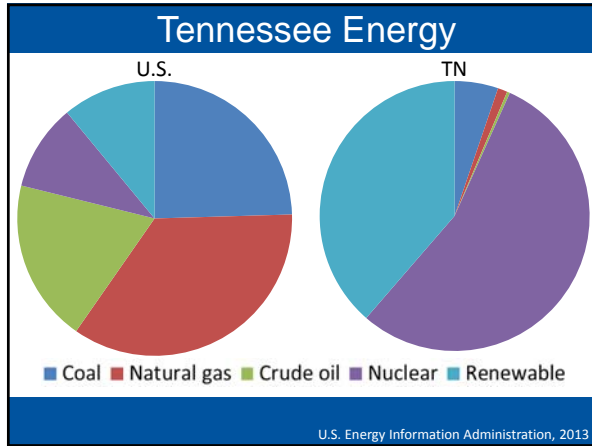
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 "Hurricane Irene May Cause Gas Price Spike" *CNN Money* Aug. 28, 2011
 "Hurricane Ike Causes Gas Price Spike, Shortages, and Fights at the Pump" *U.S. News & World Report* Sept. 12, 2008
 "Hurricane Isaac Causes Biggest One-Day Jump in Gasoline Prices in 18 Months" *Fox News* Aug. 31, 2012
 "Hurricane Sandy 2012: Oil Prices Rise After Storm Pounds East Coast" *Huffington Post* Oct. 30, 2012

The Headlines

"Three Years After BP Oil Spill, USF Research Finds Massive Die-off" *Tampa Bay Times* Apr. 4, 2013
 "Sheriff: Oil Line Explosion Prompts Evacuations in NW Minn." *CBS Minn.* May 26, 2014
 "Three workers killed in West Texas oil rig explosion" *Wall Street Journal* March 11, 2015
 "Major Fire, Explosion After Train Carrying Crude Oil Derails in Lynchburg, VA" *NY Daily News* Apr. 30, 2014
 "Texas Oil Pipeline Fire Causes Evacuation of Town Near Dallas" *CNN* Nov. 16, 2013

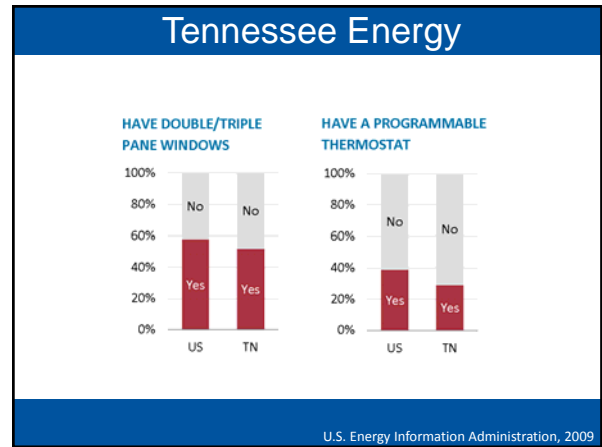
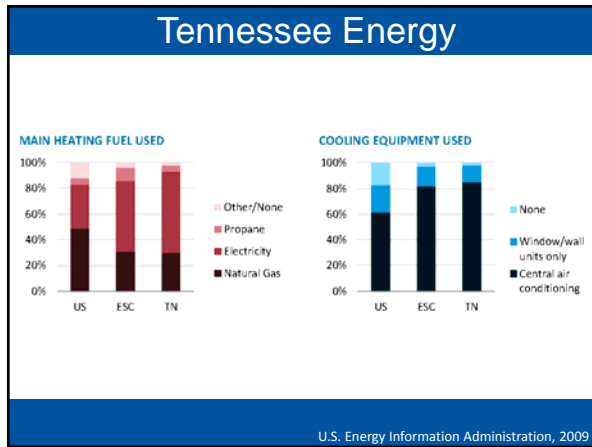




Tennessee Energy

Consumption per capita	State Rank
Residential	#4
Commercial	#25
Industrial	#25
Transportation	#17
Total	#20
Energy production (Trillion Btu)	#32

U.S. Energy Information Administration, 2014

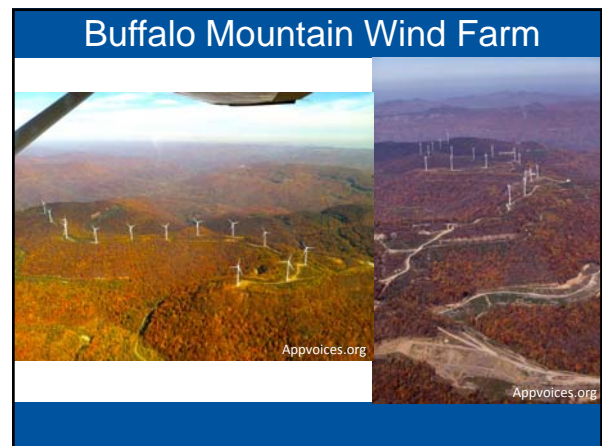


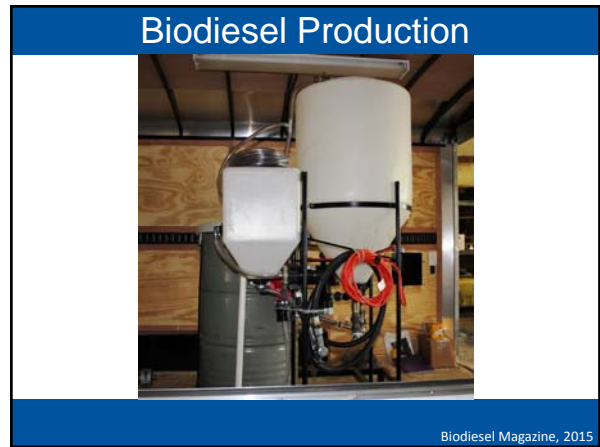
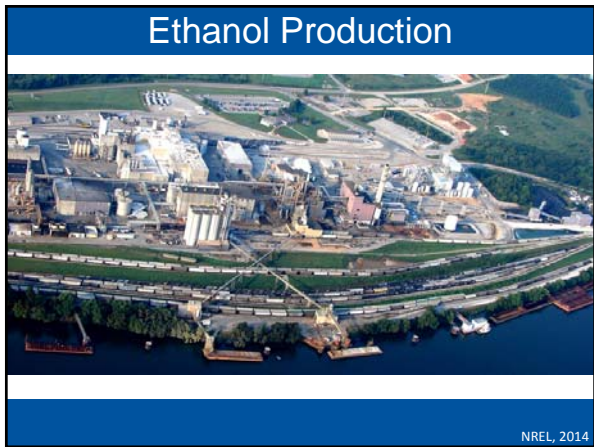
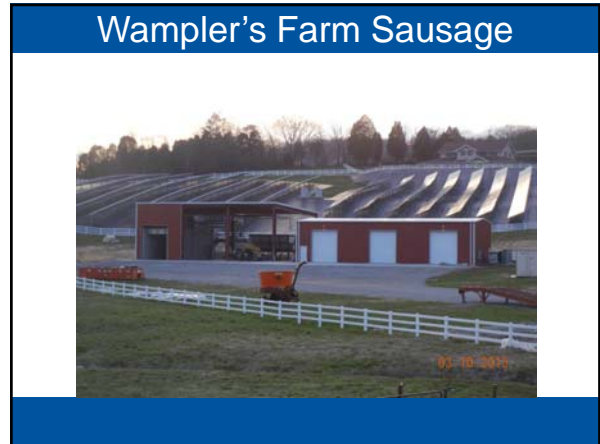
Tennessee Energy

Power Plants

- 25 Hydroelectric
- 8 Coal
- 6 Natural Gas
- 5 Biomass
- 3 Petroleum
- 2 Nuclear
- 2 Solar
- 1 Wind

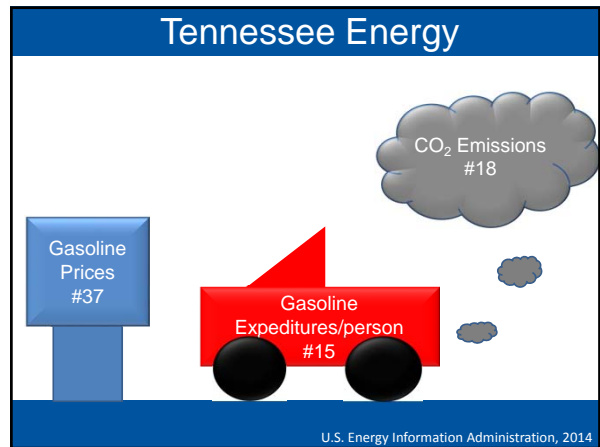
U.S. Energy Information Administration, 2014





2012 Census of Agriculture

Renewable Energy System	Farms
Solar panels	606
Geoexchange systems	213
Biodiesel	162
Ethanol	135
Small hydro systems	101
Wind turbines	80
Methane digesters	53



What Can We Do?

Tennessee

The diagram illustrates a process flow. It starts with the Tennessee State University logo, which includes the text "TENNESSEE STATE UNIVERSITY" and "College of Agriculture, Human and Natural Sciences". An arrow points from the logo to a pair of cowboy boots. A second arrow points from the boots to a lightbulb with a green leaf inside, symbolizing bioenergy.

Further information

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