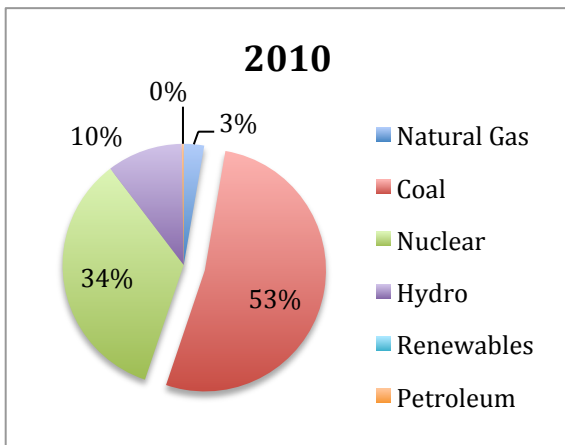
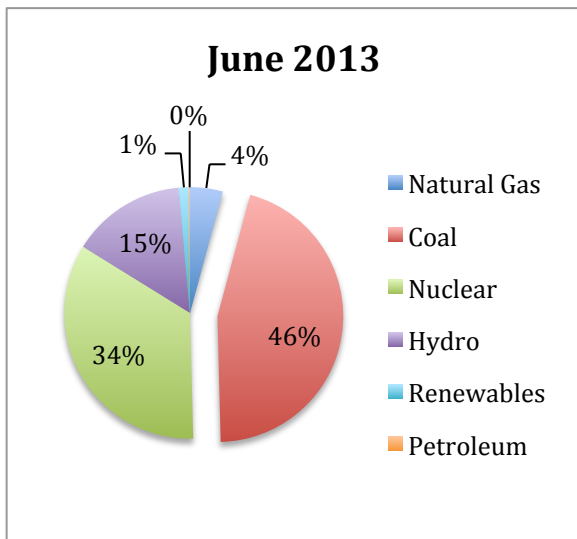


What's powering Tennessee?



Graph 1: Based on EIA Data

Even though dependence on coal has declined over the past decade, it is still a significant part of Tennessee's energy mix. Coal is one of the oldest and dirtiest sources of electricity generation, contributing significantly to air, water and climate pollution. Coal is thought of as "cheap power," but Tennessee spent over \$5.9 billion in out-of-state coal purchases from 2008-2012 for use in its coal-fired power plants.¹ The true costs of coal ought to factor in the costs to human health and the environment. In 2010, Tennessee ranked 18th in the nation for overall carbon dioxide emissions (107.1 million metric tons).² In 2012, Tennessee's electricity sector was 11th in the country for contributing a disproportionate share of toxic emissions compared to other sources – emitting more than 40.5 million pounds of toxic air pollution!³



Graph 2: Based on EIA Data

Status of Coal Plants in Tennessee

Name	County	Capacity (MW)	Average Age	# of Units	U	R	NA
Allen	Shelby	990	54	3			3
Bull Run	Anderson	950	46	1	1		
Cumberland	Stewart	2600	40	2	2		
Gallatin	Sumner	1255.2	56	4			4*
John Sevier	Hawkins	800	57	4		4	
Johnsonville	Humphreys	1485.2	58	10		10	
Kingston	Roane	1700	59	9	9		

* TVA is in the process of installing SO2 controls at Gallatin

Table Key

U = # of units upgraded with advanced pollution controls
 R = # of units retired or planned for retirement
 NA = no action taken to upgrade or retire

[TVA's Kingston coal ash disaster](#) serves as a harsh reminder that coal can have a devastating impact on our environment and our health. To learn more about coal ash issues in Tennessee, be sure to check out our Tennessee page on Southeastcoalash.org!



¹ <http://www.ucsusa.org/bcbc2014update>

² Rankings: US EIA, Total Carbon Dioxide Emissions, 2010, available at <http://www.eia.gov/state/rankings/-/series/226>

³ National Resource Defense Counsel, "Toxic Power: How Power Plants Contaminate Our Air and States," available at <http://www.nrdc.org/air/files/toxic-power-presentation.pdf>