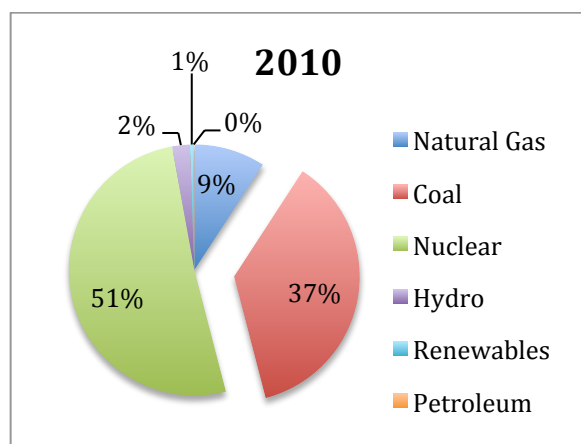
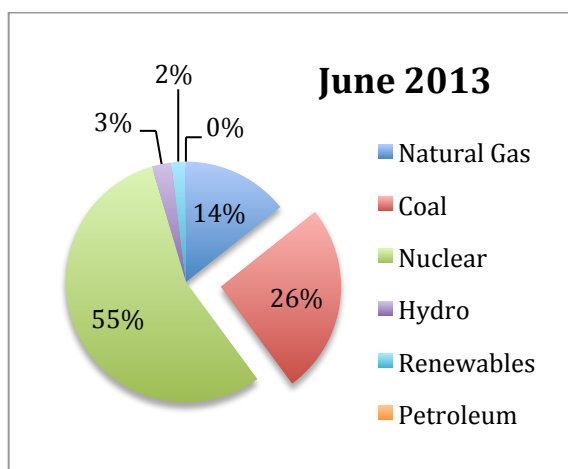


# What's powering South Carolina?



Graph 1: Based on EIA Data



Graph 2: Based on EIA Data

Coal ash has contaminated waterways at several sites in South Carolina, including \$17 million worth of damage at Beaver Dam Creek. Recently, several legal challenges were brought against South Carolina utilities to put a stop to illegal coal ash pollution. Visit our South Carolina page on [Southeastcoalash.org](http://Southeastcoalash.org) to learn more about coal ash issues in South Carolina.

South Carolina has decreased its dependence on coal in the last few years, but coal continues to play a significant role in the state's energy mix. From 2008 – 2012, South Carolina spent over \$6.7 billion on out-of-state coal purchases for use in its coal fired power plants.<sup>1</sup> In 2010, South Carolina contributed 84 million metric tons of carbon dioxide into the atmosphere.<sup>2</sup> In 2012, South Carolina's electricity sector was 13<sup>th</sup> in the country for contributing a disproportionate share of toxic emissions compared to other sources – emitting more than 9.3 million pounds of toxic pollutants into the air!<sup>3</sup>

## Status of Coal Plants in South Carolina

Name	County	Capacity (MW)	Average Age	# of Units	U	R	NA
Canadys	Colleton	489.6	51	3		3	
Cope Station	Orangeburg	417.3	17	1	1		
Cross	Berkeley	2390.1	29*	4	4		
Grainger	Horry	163.2	47	2		2	
Robinson	Darlington	206.6	53	1		1	
Jefferies	Berkeley	345.6	43	2		2	
McMeekin	Lexington	293.6	55	2		2	
Urquhart	Aiken	100	58	1		1	
WS Lee	Anderson	355	62	3		3	
Wateree	Richland	771.8	43	2	2		
Williams	Berkeley	632.7	40	1	1		
Winyah	Georgetown	1260	35	4	4		

\*Cross Units 3 and 4 are 4 yrs old

### 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

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

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

<sup>3</sup> 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>