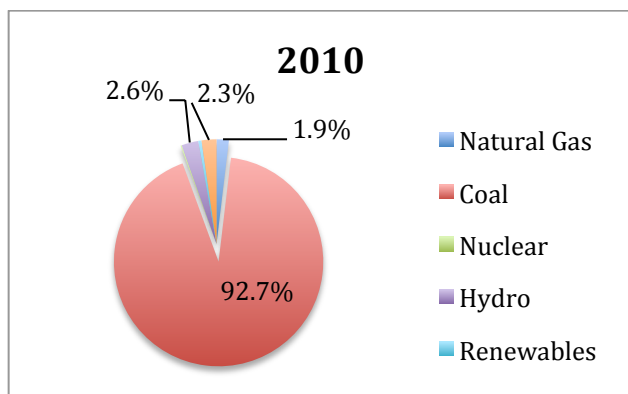
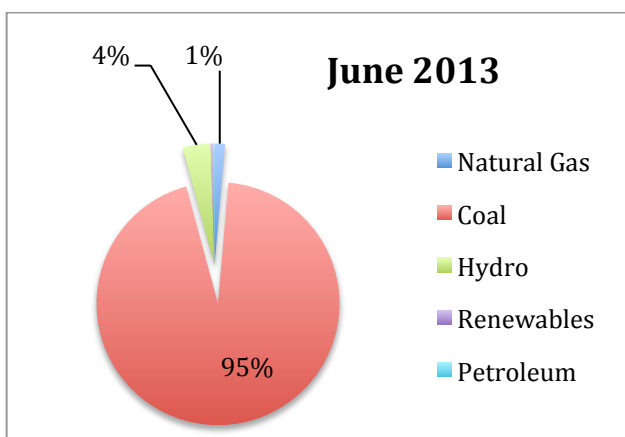


## What's powering Kentucky?



Graph 1: Based on EIA Data

Even though dependence on coal has declined nationally over the past few years, Kentucky has increased its use of energy generated from burning coal. From cradle to grave, Kentuckians are heavily impacted by all stages of the coal industry. In 2011, Kentucky was the third largest coal-producing state in the nation, accounting for 10% of total U.S. coal production.<sup>1</sup> In 2010, Kentucky was ranked 12<sup>th</sup> in the nation for overall carbon dioxide emissions (150.7 million metric tons).<sup>2</sup> In 2012, Kentucky's electricity sector was 1<sup>st</sup> 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!<sup>3</sup>



Graph 2: Based on EIA Data

## Status of Coal Plants in Kentucky

Name	County	Capacity (MW)	Average Age	# of Units	U	R	NA
Big Sandy	Lawrence	1096.8	47	2		2	
Cane Run	Jefferson	644.6	48	3		3	
Coleman	Hancock	602	43	3	3		
DB Wilson	Ohio	566.1	29	1	1		
EW Brown	Mercer	739.4	49	3	3		
East Bend	Boone	669.3	32	1	1		
Elmer Smith	Davies	445.3	44	2	2		
Ghent	Carroll	2225.9	34	4	4		
Green River	Muhlenberg	188.6	57	2		2	
Spurlock	Mason	1608.5	34 *	4	4		
HMP&L	Webster	405	40	2	2		
Cooper	Pulaski	344	46	2			2
Mill Creek	Jefferson	1717.2	36	4	4		
Paradise	Muhlenberg	2558.2	47	3	1	2	
RD Green	Webster	586	33	2	2		
Robert Reid	Webster	96	1966	1			1
Shawnee	McCracken	1750	47	10		1	9
Trimble	Trimble	566.1	13	1	1		
Tyrone	Woodford	75	60	1		1	
Dale	Clark	216	56	4			4

\* Spurlock Unit 3 is 8 yrs old and Unit 4 is 3 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

Kentucky has the 3<sup>rd</sup> largest coal ash storage capacity in the country! Check out our Kentucky page on [Southeastcoalah.org](http://Southeastcoalah.org) for more information on coal ash in Kentucky.



<sup>1</sup> U.S. Energy Information Administration, Kentucky state fact page, available at <http://www.eia.gov/state/?sid=KY-tabs-4>

<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>.

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<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>.