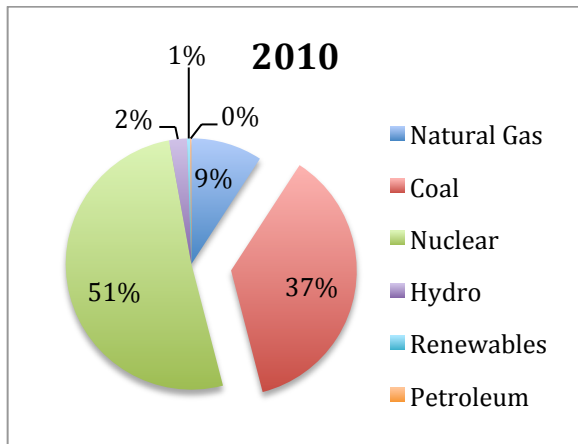
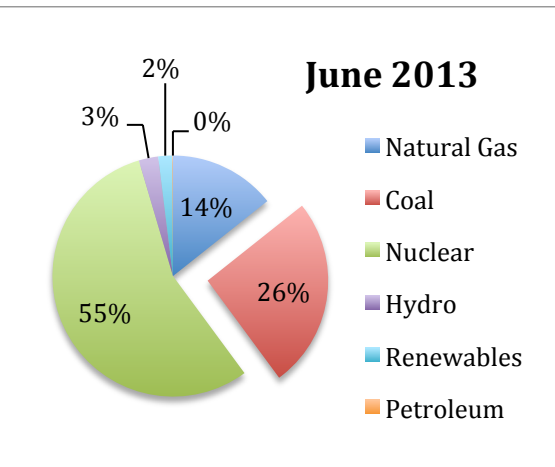


What's powering South Carolina?



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 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.¹ In 2010, South Carolina contributed 84 million metric tons of carbon dioxide into the atmosphere.² In 2012, South Carolina's electricity sector was 13th 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!³

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

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>