



Sustainable Energy Profile



Energy Efficiency and Conservation

- Duke Energy is championing an **innovative regulatory model for energy efficiency** that promotes the widespread implementation of energy efficiency measures and paves the way for energy efficiency to become the “fifth fuel”.
- North Carolina is the first state in the Southeast to pass a **Renewable Portfolio Standard**, whereby electric public utilities (including Duke Energy) must meet 12.5% of retail electricity demand by 2021 through renewable energy generation.

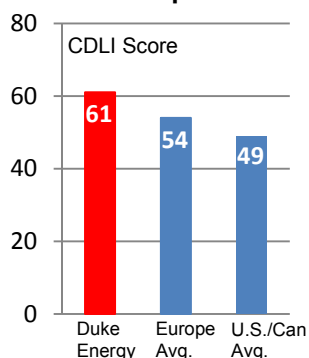
Responsible Climate Change Policy Advocate

- Duke Energy is committed to the reporting of our environmental impacts. Duke was scored above the U.S./Canada average by the **Carbon Disclosure Leadership Initiative**, a not-for-profit organization that highlights companies taking the lead on climate change disclosure.
- Duke Energy is a founding member of the **U.S. Climate Action Partnership (USCAP)**, a group of businesses and leading environmental organizations that promote strong federal legislation limiting greenhouse gas emissions.

Promoting Cleaner Generation

- Duke Energy is building a \$2.35 billion, 630-megawatt (MW) integrated gasification combined cycle plant in Indiana that will produce **45% fewer carbon dioxide emissions per kilowatt-hour (kWh)** than the existing facility on the site and provide an opportunity to test Carbon Capture and Sequestration technology.
- Duke Energy is investing in **multiple types of renewable power**. The company has committed approximately \$1 billion to its commercial wind power business, is launching a \$50 million solar distributed generation network in North Carolina, and is a partner in the first “biopower” (biomass to electricity) joint venture between two major energy companies.

Carbon Disclosure Leadership Initiative



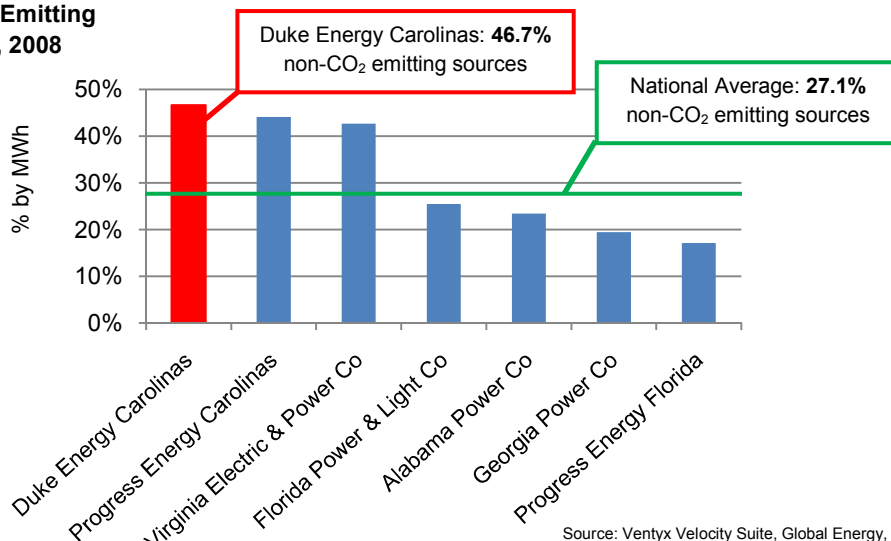
Source: Carbon Disclosure Project Electric Utilities Report, 2009

Duke Energy Carolinas Fuel Mix, 2008

% by MWh:

- 46.6% Nuclear
- 0.1% Hydro
- 53.0% Coal
- 0.3% Gas and Oil

% non-CO₂ Emitting Generation, 2008



Source: Ventyx Velocity Suite, Global Energy, 2008 data EEI, 2007 data