

Canadys Station

Plant Facts

- Located near Walterboro, S.C.
- Generates 470 megawatts of electricity.
- Began commercial operation in 1962.
- Burns approximately 130 tons of coal per hour when operating at full load.
- Pays approximately \$1.7 million in property taxes annually.
- Employs 85 employees.

Since 1994, SCE&G has spent more than \$315 million on all of our coal-fired plants to reduce emissions. By 2010, we will have spent an additional \$450 million.

Protecting the Environment

SCE&G is committed to being a good steward of the environment, which is why we have spent millions of dollars over the years—and will spend millions more in the future—on the latest emissions control technology. At Canadys:



- More than **\$17 million** was spent to install a baghouse on Unit 3 in 1999. The baghouse removes 99 percent of the fly ash from the combustion process.
- A test scrubber was installed on Canadys Unit 3 in 2002. The scrubber uses a technology developed by NASA to remove nitrous oxide (NOx) and sulfur dioxide (SO₂) from the flue gas. Approximately one percent of the unit's flue gas is being removed and scrubbed during the testing phase. Results have been promising so far.
- The boilers have low-NOx burners, installed in the late 1990s, that reduce the amount of nitrous oxide gases even further.

Canadys also utilizes a closed cycle cooling water system which means it has little impact on the nearby Edisto River and the surrounding wildlife.

To find out more about what SCE&G is doing to protect the environment, visit our Web site at www.scana.com/environment.