

# GULF POWER HISTORY

The Mercury Control Research Center is the only one of its kind in the world and is just the latest in a long history of Gulf Power's commitment to research. The following are a few of those highlights: ....

- 1970s – established across all of Northwest Florida the most extensive ambient air quality system in the nation long before monitoring was required.
- 1970s – First ever study in the U.S. of scrubber control technology was installed on Plant Scholz. Three types tested and now used throughout the world.
- 1970s – First in the Southeast (one of the first in the nation) to put continuous emission monitors on every unit, every plant long before requirements.
- 1980s – First Department of Energy clean coal project to study emissions reduction methodology.
- 1990s – Brought four units into compliance early for Acid Rain program.
- 1990s – Clean coal technology program installed on Plant Crist to develop SCRs that are not widely used as a primary method of control technology worldwide.
- 2002 – Voluntary emissions reduction project on Plant Crist Units 7 and 6. Oldest units – 1, 2, 3 – retired by 2006. Completed 2005.
- 2005 – Built Mercury Research Center to offer facilities to study ways to reduce mercury emissions.

## GULF POWER'S COMMITMENT TO REDUCING EMISSIONS

- NOx emissions are down 44 percent since 1992.
- SO2 emissions are down 73 percent since 1992.
- Particulate Matter is down 13 percent since 1992.
- Mercury emissions are down 14 percent from 2000 to 2004.
- Other unregulated chemicals are down 34 percent in the last five years.

Gulf Power continues to provide electricity at prices that are 10 percent below the national average, and are the lowest among investor-owned utilities in Florida.