

**America's oldest and dirtiest coal-burning power plants** are destroying communities, poisoning our air and water, and making our families sick and driving global warming. According to the Clean Air Task force, pollution from coal-fired power plants is responsible for 13,200 deaths each year, roughly one person every 40 minutes. In addition, coal pollution causes 20,000 heart attacks, 217,600 asthma attacks, and 1,627,800 lost work days a year. And coal-fired power plants are responsible for about a third of the US's global warming pollution.

### OUR SAFETY AND HEALTH AND THE FUTURE OF OUR PLANET DEPEND ON SHUTTING DOWN THESE PLANTS, AND QUITTING COAL FOR GOOD.

Fortunately, all around the country, people are organizing, protesting and speaking out against coal, and now Greenpeace is prepared to join that movement, and take on the coal industry in the greatest struggle of our time.

#### In the spotlight: Wilmington, NC

##### Sutton Coal-Fired Power Plant

- L.V. Sutton Steam Electric Plant is a coal-fired power station owned and operated by Progress Energy near Wilmington, NC.
- The plant contains 3 coal-fired units, built in 1954, 1955, and 1972.
- In 2009, Sutton produced 2,493,934 tons of climate-change-fueling CO<sub>2</sub>, 17,947 tons of SO<sub>2</sub>, and 4,272 tons of NO<sub>x</sub><sup>1</sup>. SO<sub>2</sub> and NO<sub>x</sub> are major contributors to acid rain and smog pollution. Additionally, the plant produced 262 pounds of mercury in 2008<sup>2</sup>.
- In 2008, Sutton released 557,330 pounds of coal ash into surface impoundments<sup>3</sup>. This toxic waste contains mercury, lead, and arsenic.
- Sutton is scheduled to convert to natural gas in 2013. Utility companies are starting to realize that there are smarter ways to power our future than coal. However, we should be replacing that coal with truly clean energy sources like wind and solar and through better efficiency, rather than converting to natural gas.

##### Titan Cement Plant

- Titan America has proposed to build the 4th largest cement plant in the country, just outside of Wilmington, NC.
- The Titan cement plant will burn 150,000 tons of coal a year<sup>4</sup>, putting the health of local residents at risk while contributing to catastrophic climate change. Titan will utilize a coal-fired kiln to burn limestone, producing both air and water pollution.
- An estimated 8,700 students are enrolled within the 5-mile radius of the proposed plant.

#### Coal groups in North Carolina:

Sierra Club, NC WARN, Southern Alliance for Clean Energy, North Carolina Interfaith Power and Light, Clean Air Carolina, Waterkeepers



<sup>1</sup> Ventyx, 2011

<sup>2</sup> EPA ECHO Database, 2011 [http://www.epa-echo.gov/echo/compliance\\_report.html](http://www.epa-echo.gov/echo/compliance_report.html)

<sup>3</sup> EPA ECHO Database, 2011 [http://www.epa-echo.gov/echo/compliance\\_report.html](http://www.epa-echo.gov/echo/compliance_report.html)

<sup>4</sup> <http://daq.state.nc.us/permits/psd/docs/titan/Draft%20Permit%20-%20Carolin%20Cement%20Company.pdf>