Investments to Clean And Modernize Power Plants Create New Jobs and Boost the Economy in Delaware

Delaware

Recent reports evaluated the impact on Delaware under two Clean Air Act rules expected to be finalized by the EPA in 2011:

- **Clean Air Transport Rule**: Focuses on sulfur dioxide and nitrogen oxide emissions from 31 targeted states in the East and Midwest.
- **Toxics Rule (Utility MACT):** For the first time, sets limits on hazardous air pollutants such as mercury, arsenic, lead, dioxins and hydrochloric acid.

Findings of the Reports

Job Creation

Installing modern pollution controls and building new power plants creates a wide array of skilled, high-paying installation, construction and professional jobs, including:

- Engineers
- Project Managers
- Electricians
- Pipefitters
- Boilermakers
- Millwrights
- Iron Workers

From the report: *New Jobs-Cleaner Air: Employment Effects under Planned Changes to EPA's Air Pollution Rules*[1]:

"Now is the time to give Americans the clean, healthy air they deserve by putting American workers back on the job modernizing our electric generating fleet. The design and construction of pollution controls require engineers, skilled craft labor such as boilermakers, and create upstream and downstream employment and economic benefits for a variety of industries and the communities where they are located."
David Foerter, Executive Director
Institute of Clean Air Companies

6,542 **Capital investment jobs created** in Delaware over the next 5 years

114 **Operation & Maintenance jobs created** in Delaware

219 **Operation & Maintenance job reduction** in Delaware due to projected retirement of uneconomic, older, less-efficient coal plants

From the report: *Expensive Neighbors: The Hidden Cost of Harmful Pollution to Downwind Employers and Businesses*[2]

Harmful emissions, primarily from coal-fired power plants that have failed to install pollution controls, are carried hundreds of miles in the air stream, causing massive health and economic losses in downwind regions. So not implementing the Transport Rule costs states like Delaware millions of dollars in terms of lost jobs, income and tax revenue.

390 **Estimated jobs gained** in Delaware post-Transport Rule implementation annually

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Costs of Current, Uncontrolled Downwind Pollution

From the report: *Expensive Neighbors: The Hidden Cost of Harmful Pollution to Downwind Employers and Businesses*[3]:

The longer the Transport Rule is not implemented, the longer **Delaware** will suffer annually from:

390 lost jobs
Over $51 million of lost income
Over $10 million in lost tax revenue

"Americans can expect significant economic gains from implementing these new EPA rules in the form of highly-skilled, well-paying jobs that will help us clean up and modernize the nation's power plant fleet. Hundreds of thousands of new jobs will be created in each of the next five years – a welcome boost as the country recovers from a severe economic downturn."
Mindy S. Lubber, President
Ceres

EPA Clean Air Standards Save Lives

By implementing the Transport Rule[4]:

112 pollution-related deaths avoided in Delaware annually

For More Information

- **Ceres** - www.ceres.org
- New Jobs-Cleaner Air: Employment Effects under Planned Changes to EPA's Air Pollution Rules
  Download at: http://www.ceres.org/epajobsreport
- The Toll from Coal: An Updated Assessment of Death and Disease from America's Dirtiest Energy Source
  Download at: http://www.catf.us/resources/publications/view/138
- Expensive Neighbors: The Hidden Cost of Harmful Pollution to Downwind Employers and Businesses
  Download at: http://www.cleanair.org/DownwindPollutionHiddenCostStudy.pdf

[1] *New Jobs-Cleaner Air: Employment Effects under Planned Changes to EPA's Air Pollution Rules,* Dr. James Heintz, Heidi Garrett-Peltier and Ben Zipperer; January 2011.
[2] *Expensive Neighbors: The Hidden Cost of Harmful Pollution to Downwind Employers and Businesses*, Dr. Charles Cicchetti, Ph.d; November 2010, Appendix E.
[3] *Ibid.*
[4] *Expensive Neighbors: The Hidden Cost of Harmful Pollution to Downwind Employers and Businesses*, Dr. Charles Cicchetti, Ph.d; November 2010, Appendix E.

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