# New Report Finds Investments to Clean And Modernize Power Plants Create New Jobs and Boost Economy in Illinois

Ceres

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

- **Cross-State Air Pollution Rule**: Focuses on sulfur dioxide and nitrogen oxide emissions that drift downwind from 27 targeted states east of the Mississippi.
- **Toxics Rule (Utility MACT):** For the first time, sets limits on hazardous air pollutants such as mercury, arsenic, lead, and acid gases.

## Findings of the "New Jobs – Cleaner Air" 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
- Plumbers

*"Improved clean air technologies are long overdue and will help protect the respiratory health of those living throughout Illinois. By investing in modern pollution controls, we can create employment opportunities for a vast array of workers across our state and help protect public health."*

Joel J. Africk, President and Chief Executive Officer
Respiratory Health Association of Metropolitan Chicago

From the report: *New Jobs-Cleaner Air Part II: An Investment in American Businesses and American Jobs*[1]:

**7.6B** **Invested in pollution control** equipment by 2015 in IL

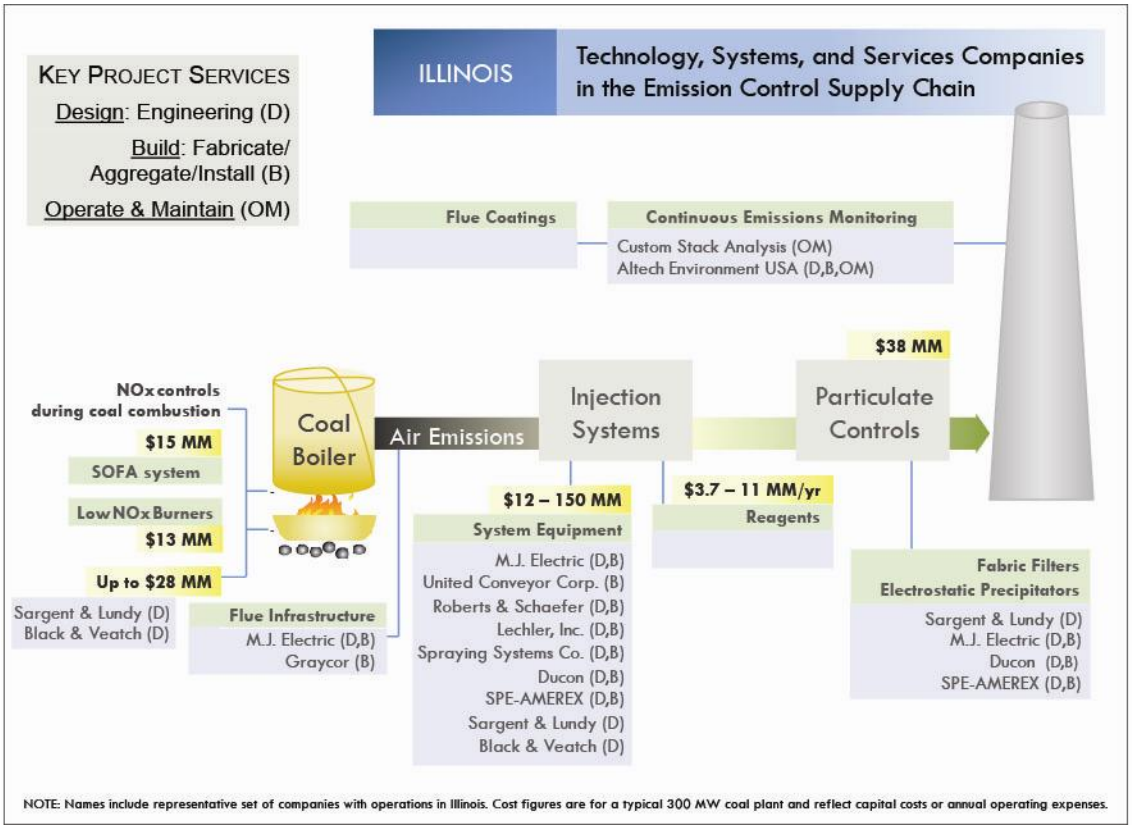
**122,695** **Capital Investment jobs created** in Illinois

**1,429** **Operation & Maintenance jobs** created in Illinois

**549** **Operation & Maintenance job reduction** in Illinois due to projected retirement of uneconomic, older, less efficient power plants

### The Supply Chain

An investment of $7.6 billion in pollution control equipment by 2015 in Illinois requires the services and labor of numerous companies, from fabricators to engineers to technology providers.




**Illinois-Based Companies in the Power Plant Pollution Control Supply Chain**

| Company Name | Industry | Illinois presence |
|---|---|---|
| Altech Environment USA | Emissions monitoring | Geneva (HQ) |
| Black & Veatch | Engineering consulting | Chicago, Burr Ridge (Branch) |
| Custom Stack Analysis | Emissions testing | Chicago (Branch) |
| Ducon | Engineering & construction | Palatine (Midwest HQ) |
| Fuel Tech, Inc. | Engineering & construction | Warrenville (HQ) |
| Graycor Industrial | Construction | Oakbrook Terrace (HQ) |
| Lechler, Inc. | Design & manufacturing | St. Charles (HQ) |
| McIlvaine Company | Consulting & software | Northfield (HQ) |
| M.J. Electric | Electrical systems | Glen Ellyn (Branch) |
| Roberts & Schaefer | Engineering & construction | Chicago (HQ) |
| Sargent & Lundy, LLC | Engineering & construction | Chicago (HQ) |
| SPE-AMEREX | Manufacturing | Batavia (HQ) |
| Spraying Systems Co | Component manufacturer | Wheaton (HQ) |
| United Conveyer Corp. | Construction | Waukegan (HQ) |

**Download the Report - http://www.ceres.org/epajobsreport**

*Ceres is a leading coalition of investors, environmental groups and other public interest organizations working with companies to address sustainability challenges such as global climate change.*

## Illinois Findings from Other Reports

***The "New Jobs – Cleaner Air" reports build on findings in other studies about the impact of EPA rules across the country, including Illinois.***

### Costs of Current, Uncontrolled Downwind Pollution

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 CSAPR costs states like Illinois millions of dollars in terms of lost jobs, income and tax revenue.

**699** **Estimated jobs gained** in Illinois post-CSAPR implementation annually

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

**699 lost jobs**
**Nearly $379 million of lost income**
**Over $74 million in lost tax revenue**

*"These rules will create more than 110,000 skilled jobs in Illinois over the next five years. These EPA rules will be good for workers, good for the health of our families, good for creating jobs, and good for all residents of Illinois."*

Dale Hoffman, President
Midwest Sustainable Energy Contractors Inc.

### EPA Clean Air Standards Save Lives

Coal power plant emissions caused annually[3]:

**455 hospital admission** in Illinois
**1,018 heart attacks** in Illinois

By implementing CSAPR[4]:

**1,269** **pollution-related deaths avoided** in Illinois annually

## For More Information

- New Jobs-Cleaner Air Part II: An Investment in American Businesses and American Jobs
- New Jobs-Cleaner Air Part I: 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 Employer and Businesses
  **Download at:** http://www.cleanair.org/DownwindPollutionHiddenCostStudy.pdf

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[1] *New Jobs-Cleaner Air Part II: An Investment in American Businesses and American Jobs,* Ceres and ICAC, November 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] *The Toll for Coal: An Updated Assessment of Death and Disease from America's Dirtiest Energy Source,* Clean Air Task Force, Conrad Schneider and Jonathan Banks; September 2010.
[4] *Expensive Neighbors: The Hidden Cost of Harmful Pollution to Downwind Employers and Businesses*, Dr. Charles Cicchetti, Ph.d; November 2010, Appendix E.