

## THE MERCURY POLLUTION REDUCTION ACT

### ***Protect jobs by modernizing the least energy efficient chlor-alkali facilities and eliminate unnecessary mercury pollution***

Since 2007, both Olin Corporation and PPG Industries have converted mercury-cell chlor-alkali facilities to a mercury-free process, saving hundreds of jobs.

Converted Facility	Year	Cost	Conversion Timeframe	Jobs Saved	Jobs created
Westlake Chemicals Calvert City, Kentucky	2002	\$86.1 m <sup>a</sup>	18 months <sup>b</sup>	430 <sup>c</sup>	250-300
PPG Industries Lake Charles, Louisiana	2007	\$90 m <sup>d</sup>	24 months <sup>e</sup>	N/A	250 <sup>f</sup>
ERCO Worldwide Port Edwards, Wisconsin	2009	\$95 m <sup>g</sup>	27 months <sup>h</sup>	81 <sup>i</sup>	N/A
Olin Corporation St. Gabriel, Louisiana	2008	\$142 m <sup>j</sup>	31 months <sup>k</sup>	90 <sup>l</sup>	200 <sup>m</sup>

N/A Not Available

#### **Upgrade Extends Plant Life and Saves Jobs for 30-40 Years**

In 2009, ERCO Worldwide completed a conversion of its Port Edwards, Wisconsin facility. By converting, ERCO prevented the plant from closing within the next 5 to 7 years<sup>n</sup>, thus extending the plant's production life by 30-40 years.<sup>o</sup>

#### **Modernization Creates Return on Investment in 5 Years**

The Olin Corp.'s St. Gabriel conversion has been expected to be completely repaid within 5 years of completion because of increased process efficiencies.<sup>p</sup>

#### **The Mercury Pollution Reduction Act Would Eliminate a Major Mercury Source, Protect Jobs and Improve Energy Efficiency**

Already, 95% of chlorine production in the United States is mercury-free. Modernizing to mercury-free chlorine production can improve energy efficiency by 37% and increase production capacity by up to 80%.

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- <sup>b</sup> Walker, Joe (2000, October 12). "Governor Praises Expansion of Calvert City, Ky., Chemical Plant," Paducah Sun.
- <sup>c</sup> Ibid.
- <sup>d</sup> *ChemWeek Daily Newswire* (2005, August 5). "PPG to Convert from Mercury to Membrane Cells at Lake Charles."
- <sup>e</sup> *Chlor-Alkali Marketwire* (2007, July 27). "Market Assessment," Vol. 20, Issue 29.
- <sup>f</sup> PPG Industries (2007, August 21). "Membrane Technology Eliminates Use of Mercury at Lake Charles." [[http://corporateportal.ppg.com/NA/CORP/EHS/FeaturedContent/Membrane\\_Technology.htm](http://corporateportal.ppg.com/NA/CORP/EHS/FeaturedContent/Membrane_Technology.htm)]. Accessed 7/30/08.
- <sup>g</sup> *Fair Disclosure Wire* (2007, August 9). "Q2 2007 Superior Plus Income FD Earnings Conference Call - Final."
- <sup>h</sup> *Canada Newswire* (2009, November 4). "Superior Plus Announces Third Quarter Results, a US Refined Fuels Asset Acquisition of \$76 million and Completion of the Port Edwards Membrane Expansion." [<http://www.istockanalyst.com/article/viewiStockNews/articleid/3607498>].
- <sup>i</sup> ERCO Worldwide (2006, December 6). Great Lakes Bi-national Toxics Strategic Mercury Workgroup Port Edwards Membrane Conversion Evaluation.
- <sup>j</sup> Pioneer Industries (2007, January 31). "Expansion of St. Gabriel Analyst Conference Call." [[http://www.piona.com/investors/PioneerPresentation\\_01\\_31\\_07.pdf](http://www.piona.com/investors/PioneerPresentation_01_31_07.pdf)]. Accessed 3/2/2007.
- <sup>k</sup> Rupp, Joseph (2008, October 24). "Q3 2008 Olin Corporation Earnings Conference Call - Final," Voxant FD (Fair Disclosure) Wire.
- <sup>l</sup> *St. Louis Business Journal* (2009, January 19). "Olin to Keep La. Plant Closed." [<http://stlouis.bizjournals.com/stlouis/stories/2009/01/19/daily10.html>]
- <sup>m</sup> *PR Newswire* (2007, January 30). "Pioneer Announces the Expansion of its Chlor-Alkali Plant in St. Gabriel, Louisiana."
- <sup>n</sup> Hellpap, Andrew (2007, August 10). "ERCO Could Have Shut Down." *Wisconsin Rapids Daily Tribune*.
- <sup>o</sup> *Fair Disclosure Wire* (2007, August 9). "Q2 2007 Superior Plus Income FD Earnings Conference Call - Final."
- <sup>p</sup> Scholes, Dave (2007, January 31). "Pioneer Companies Conference call – Final." *Fair Disclosure Wire*.