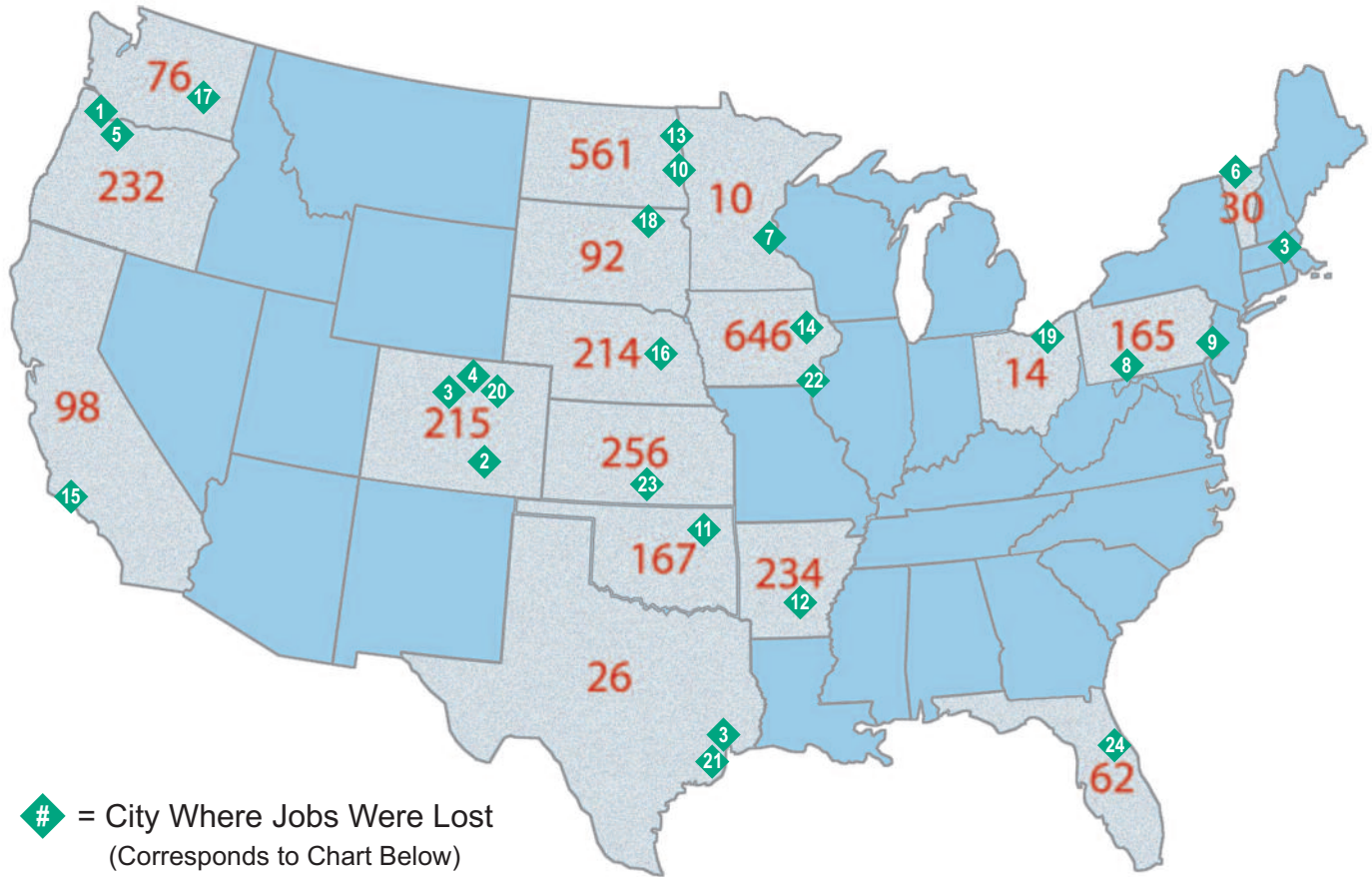


POLICY INACTION HURTING U.S. WIND INDUSTRY

Since January, E2 has tracked 25 job layoff announcements in the wind industry. These layoffs—which recently have been increasing—span 17 states and total **at least 3,240 jobs lost**. A majority of these announcements came from manufacturers who are experiencing a significant drop in orders for parts and components for wind turbines.

If Congress lets the PTC expire on Dec. 31, we anticipate seeing more job layoff announcements—with as many as 37,000 jobs potentially lost, according to the American Wind Energy Association—from manufacturers, developers, and other companies throughout the wind energy supply chain.

TOTAL U.S. WIND LAYOFFS ANNOUNCED BY STATE IN 2012



Red numbers indicate wind industry layoff state totals. Also note that two layoff announcements adding up to 142 total jobs lost ("Vestas Wind Systems - Research and Development" and "Siemens Wind Energy - U.S. Headquarters") did not include specific city and state locations of layoff numbers and thus were not tallied as Jobs Lost on the map.

U.S. WIND LAYOFFS ANNOUNCED IN 2012

#	COMPANY	JOBS LOST
1	Vestas Wind Systems - US Headquarters – Portland, OR (Ted Sickinger, "Vestas says it will cut 1,400 more jobs," The Oregonian, August 23, 2012.)	182
2	Vestas Wind Systems - Tower Manufacturing Facility – Pueblo, CO (Sharon Dunn, "Vestas lays off about 80 in Brighton," Windsor Now!, October 10, 2012, available at http://www.mywindsornow.com/news/2792021-113/vestas-layoffs-employees-colorado , accessed November 5, 2012.)	90
3	Vestas Wind Systems - Research and Development – Houston, TX, Marlborough, MA, and Louisville, CO (Erik Siemers, "Vestas to close three U.S. research centers," Sustainable Business Oregon, October 31, 2012, available at http://www.sustainablebusinessoregon.com/articles/2012/10/vestas-to-close-three-us-research.html , accessed November 7, 2012.)	85

(cont'd)

U.S. WIND LAYOFFS ANNOUNCED IN 2012

#	COMPANY	JOBS LOST
4	Vestas Wind Systems - Blade Manufacturing Facility – Brighton, CO (Sharon Dunn, "Vestas lays off about 80 in Brighton," Windsor Now!, October 10, 2012, available at http://www.mywindsornow.com/news/2792021-113/vestas-layoffs-employees-colorado , accessed November 5, 2012.)	110
5	Iberdrola Renewables, LLC - US Headquarters – Portland, OR (Richard Read, "Iberdrola to shed Portland jobs," The Oregonian, January 25, 2012.)	50
6	NRG Systems, Inc. – Hinesburg, VT (Luke Jones, "Washington Gridlock Bleeds Wind Industry," Arkansas Business, August 27, 2012.)	30
7	WindLogics Inc. - Company Headquarters – St. Paul, MN (Leslie Brooks Suzukamo, "The wind out of their sails: With a federal tax credit set to expire, the wind energy industry is cutting employees and programs," St. Paul Pioneer Press, July 3, 2012.)	10
8	Gamesa - Blade Manufacturing Facility – Ebensburg, PA (“Business News in Brief,” Philadelphia Inquirer, July 6, 2012.)	73
9	Gamesa - Nacelles Assembly Facility – Fairless Hills, PA (“Business News in Brief,” Philadelphia Inquirer, July 6, 2012.)	92
10	DMI Industries - Tower Manufacturing Facility – West Fargo, ND (Paul Monies, "Tulsa wind tower factory is expected to close," The Oklahoman, August 14, 2012.)	216
11	DMI Industries - Tower Manufacturing Facility – Tulsa, OK (Paul Monies, "Tulsa wind tower factory is expected to close," The Oklahoman, August 14, 2012.)	167
12	LM Wind Power - Blade Manufacturing Facility – Little Rock, AR (John Green, "Future of tax credit on mind of Siemens plant," Hutchinson News, August 19, 2012.)	234
13	LM Wind Power - Blade Manufacturing Facility – Grand Forks, ND (Christopher Bjorke, "LM Wind Power to cut 345 jobs, blames industry downturn, lack of political support," Grand Forks Herald, September 27, 2012.)	345
14	Clipper Windpower, LLC - Manufacturing Facility – Cedar Rapids, IA (Kristine Esperacion, "Clipper Windpower laying off 76 workers at Iowa facility," SNL Renewable Energy Week, August 31, 2012.)	76
15	Clipper Windpower, LLC - Other – Carpinteria, CA (Kristine Esperacion, "Clipper Windpower laying off 76 workers at Iowa facility," SNL Renewable Energy Week, August 31, 2012.)	98
16	Katana Summit - Company HQ and Tower Manufacturing Facility – Columbus, NE (Tyler Ellyson, "Katana Summit to close plants," Columbus Telegram, September 12, 2012.)	214
17	Katana Summit - Tower Manufacturing Facility – Ephrata, WA (Tyler Ellyson, "Katana Summit to close plants," Columbus Telegram, September 12, 2012.)	76
18	Molded Fiberglass - Composite Component Manufacturing Facility – Aberdeen, SD (Associated Press, "Aberdeen plant that makes wind turbine blades laying off nearly 100 workers," The Republic, September 12, 2012.)	92
19	Juwi Wind - Wind Development Office – Cleveland, OH (Mark Del Franco, "Juwi Wind Shuttles Ohio Office, Looks Toward Canada," North American Wind Power, August 23, 2012, available at http://www.nawindpower.com/e107_plugins/content/content.php?content.10299 , accessed November 6, 2012.)	14
20	Walker Component Group – Denver, CO (“U.S. wind energy layoffs continue this week in Colorado and Iowa as federal policy uncertainty continues,” American Wind Energy Association, August 24, 2012, available at http://www.awea.org/newsroom/pressreleases/layoffs_continue.cfm , accessed November 6, 2012.)	15
21	EDP Renewables N.Amer, LLC - Horizon Wind Energy – Houston, TX (Deon Daugherty, "Will politics burst wind energy's bubble in Houston?" Houston Business Journal, June 1, 2012, available at http://www.bizjournals.com/houston/print-edition/2012/06/01/will-politics-burst-winds-bubble-in.html , accessed November 6, 2012.)	26
22	Siemens Wind Energy - Blade Manufacturing Facility – Fort Madison, IA (Dan Piller, "Siemens to lay off 400+ Iowa workers at Ft. Madison wind plant," Des Moines Register, available at http://blogs.desmoinesregister.com/dmr/index.php/2012/09/18/siemens-to-reduce-workforce-at-ft-madison-wind-plant , accessed October 17, 2012.)	570
23	Siemens Wind Energy - Blade Manufacturing Facility – Hutchinson, KS (Laura DiMugno, "More PTC Fallout: Siemens Cuts 37% of its U.S. Wind Energy Workforce," North American Wind Power, available at http://nawindpower.com/e107_plugins/content/content.php?content.10418 (accessed October 17, 2012). And Mary Clarkin, "GOP is at odds over wind tax credit," Hutchinson News, September 21, 2012.)	256
24	Siemens Energy – Orlando, FL (Richard Kessler, "Siemens announces 615 layoffs in US wind power operations," Recharge News, available at http://www.rechargenews.com/energy/wind/article323242.ece , accessed October 17, 2012.)	62
25	Siemens Energy - US Headquarters (Diane Cardwell, "U.S. wind industry fading fast; Turbine manufacturers, already reeling, now face looming loss of tax credit," New York Times, September 21, 2012.)	57