



## American Clean Energy and Security (ACES) Act

*Significant Step Forward for a Cleaner Climate - The ACES Act requires that 20% of all electricity production be derived from alternative sources: geothermal, bio-fuel, solar, wind and waste reproduction. This is to be achieved by the year 2020. With the goal of capping carbon pollution and stalling climate change, supporters of this bill herald its recent passage.*

The recent passage through the House of Representatives of the American Clean Energy and Security Act (ACES) moved Pres. Barak Obama and his administration closer to the possibility of a victory in moving climate legislation and related initiative forward in the United States.

The ACES Act calls for utility companies to use more renewable energy and brings in increased requirements up through the year 2050. The new act expands to a nationwide basis the need for utilities to pay extra attention to energy production.

Environmentalists have long called for a declining cap on greenhouse gas emissions and the ACES Act covers this. A nationwide standard is now in place for a reduction in emission of harmful gases. Companies will be allowed to emit greenhouse gases, but only according to a strict allowance which will be reduced over time.

As individual organizations have a variety of different wants and needs, a cap and trade system will be brought in. Companies will have an additional incentive to reduce emissions as they can profit from the sale of their excess allowances.

It is estimated that the proposed reduction in emission of greenhouse gases by the year 2020 will be akin to taking 500 million cars off the road. Major enterprises across the country are being pressed to reduce their reliance on fuels that caused the emission of the gases.

Additional, valuable jobs are anticipated within the manufacturing sector in addition to valuable investment in clean energy technology. The ACES Act, which is also known as Waxman-Markey, who are the two sponsors of the bill, proposes a certain amount of the given allowance be allocated to consumers. Tax credits, other payments and benefits will be passed directly to end-users through utility companies.



In anticipation of the ACES Act and further legislation, companies that are likely to be impacted are seeking the help of energy management initiatives and using software programs designed to track, analyze and help reduce emissions.

Canny management executives are considering the various ways that the cap and trade allowances can be used to best effect and to help their bottom line.

The passage of the ACES Act, the American Clean Energy and Security Act of 2009 is very significant and continues the growing movement towards a reduction in greenhouse gases and the overall lowering of carbon pollution around the world.

A narrow vote in the US House of Representatives ensured that the ACES Act overcame its first obstacle. The Senate will now consider modifications before a revised bill heads back to the House and ultimately, its proponents hope, to Pres. Obama's desk for signing.



## Clean-Tech Solutions from Verisae, Inc.

Verisae, Inc. empowers organizations to engage in “**Optimized Operations**” programs in a localized facility or across a global enterprise. Our core offerings allow distributed organizations across the globe to effectively track and manage assets from the usage, cost to run, energy consumption, and carbon consequence perspectives.

They are uniquely positioned to help organizations prove return on investment (ROI) on Greenhouse Gas management and reporting. Their solutions are delivered via a common web browser so that organizations with thousands of locations and 10’s of thousands of assets can be implemented in a matter of months.

Given the heightened priority of corporate sustainability, Verisae is positioned right now to enable organizations to establish a carbon footprint baseline, outline energy management options, and provide a comprehensive corporate sustainability action plans in a matter of months. All of which can be implemented with metrics in place to highlight bottom-line cost savings and return on investment timelines.

- [Enterprise Asset Management \(EAM\)](#) is a full function Computerized Maintenance Management System (CMMS) with incredible flexibility.
- [Enterprise Emissions Tracking \(EET\)](#) provides a company with real time carbon footprint reporting.
- [Enterprise Refrigerant Management \(ERM\)](#) is a web-based solution to control refrigerant use. Refrigerant tracking at locations containing refrigerants is critical to the environment and to an organization’s bottom line.
- [Enterprise Energy Management \(EEM\)](#) allows multi-site clients can have a comprehensive view of their entire energy portfolio across their entire enterprise.

Ultimately, Verisae provides the services and the knowledge that drives decisions from a dollars and sense perspective. Verisae has clients throughout the United States of America, the United Kingdom, Poland, the Czech Republic, the Slovak Republic, China and Thailand. Verisae, Inc. is headquartered in Minneapolis with a branch office in the United Kingdom.