



Controlling Greenhouse Gas Emissions

Whether you subscribe to the theory of man-made global warming or not, societal pressures have likely touched your organization in the form of stakeholder inquiries or regulatory pressure revolving around the reduction of Greenhouse Gas (GHG) Emissions. In fact, legislation already governs GHG Emissions and Carbon Trading in several regions of the world such as with the European Union Emission Trading Scheme (EU ETS). In the United States, California has already enacted GHG reduction legislation and several other states are either introducing legislation or have signed agreements of understanding to participate in regional GHG reduction programs such as the Midwest GHG Accord, the Western Climate Initiative, and the Regional Greenhouse Gas Initiative. While the United States Congress, over the past several years, has considered a multitude of bills with respect to reducing GHG Emissions, it will likely enact federal legislation in the near future to help shape state regulatory requirements.

Rather than debate over whether or not global warming is man-made, the staff at BB&E seeks to reduce the argument to its core value. Conservation. Since energy related carbon emissions typically comprise the bulk of a facility's inventory, conserving natural resources through capital investment or by analyzing and optimizing processes to reduce usage can satisfy the ecological and financial bottom lines. BB&E's group of engineers and professionals have Fortune 150 Company, multi-national experience with GHG Emissions management including:

- Establishing an Environmental Policy;
- Green procurement and supply chain management;
- Operations: Inventory, feasibility, and reduction of GHG Emissions;
- Stakeholder relations: GHG Emissions reporting;
- Green sales & marketing; or
- Understanding and working within varying carbon economy schemes

Whatever the need, BB&E's experienced group of engineers and professionals can offer practical solutions to define, measure, analyze, improve, and control GHG Emissions for your organization.

New regulatory requirements will likely mean more data collection and reporting regardless of your financial standing. So, it is crucial that a reliable measurement system be established since we cannot improve what cannot be reliably measured. We first seek to leverage existing energy management or environmental management systems such as ISO 14001. After all, why not capitalize on the hard work your organization has already done and BB&E can work within your budgetary parameters to provide cost effective solutions for your GHG management.

Besides reducing your operating expenses through conservation efforts, having a GHG Emissions inventory and reduction program will enable an organization to meet and work within new regulatory requirements and is a key component of any organization's sustainability program. Also, by rolling a GHG program into an EMS, if available, you can achieve a 3rd-party audited EMS that includes your GHG protocols. A very strong statement!