ACC ANNOUNCES 2010 RESPONSIBLE CARE®
ENERGY EFFICIENCY AWARD WINNERS

ARLINGTON, VA (May 3, 2010) — At the opening of the Responsible Care® Conference and Expo today, the American Chemistry Council (ACC) honored 12 of its member companies for implementing energy-efficiency improvements in 2009. Together, these improvements saved enough BTUs to power all the homes in a city the size of Dayton, Ohio, for one year. ACC presented a total of 51 awards to these companies, 16 of which were deemed programs of “Exceptional Merit.”

The Responsible Care® Energy Efficiency Awards program is among ACC’s many ongoing initiatives to improve energy efficiency. In 2009, the total annual energy savings achieved by the winning projects was 11.1 trillion BTUs, with the added benefit of reducing greenhouse gas emissions.

“As an industry, chemistry is committed to supporting projects like these that apply innovation to help society save energy and reduce greenhouse gas emissions,” said American Chemistry Council President and CEO Cal Dooley. “We are a ‘green jobs’ industry, not just because we use innovative technology to save energy and reduce greenhouse gas emissions in our own operations, but also because our products allow all Americans to save energy in their everyday lives. From insulation and solar panels to wind turbines and lightweight vehicle parts, chemistry is a key ingredient for some of the world’s most widely used energy-efficient and renewable-energy applications. By working hard to develop new, innovative approaches to energy use, this year’s winners are part of the climate solution.”

Since 1974, Responsible Care companies have reduced fuel and energy consumption per unit of output by more than half. As an industry, between 1990 and 2008, our absolute greenhouse gas emissions fell 16 percent, a reduction that would have exceeded the Kyoto Protocol target.

The 2010 Energy Efficiency Award winners were selected from five categories:

The “Energy Efficiency Program” award is given to companies with broad programs to achieve energy-efficiency improvements, with components such as establishing energy teams, goal setting, communications, management support, and recognition.
The “Significant Improvement in Manufacturing” award is given to companies that improve energy efficiency in their manufacturing operations through technical innovations, creative projects, or novel procedures or actions.

The “Environmental Impact” award is given for initiatives with substantial environmental benefits, including reductions in greenhouse gas emissions, in addition to improvements in energy efficiency.

The “Non-Manufacturing Improvement” award is given for improvements resulting from energy-efficient lighting, insulation, and other building improvements, and other non-manufacturing energy improvements.

The “Public Outreach” award is given for an effective program of involvement with the community regarding energy efficiency and related environmental impact activities.

Individual ACC member companies nominate specific projects for recognition under the award program. The judging committee that determined the winners is comprised of selected members of ACC’s Energy Team, including representatives from ACC, the National Association of Chemical Distributors and others. The judging committee was joined by James Eggebrecht, professor of engineering and director of the Energy Systems Laboratory and Texas A&M University, and additional experts in the field of energy efficiency.

The companies receiving awards for 2010 are:

- Albemarle Corporation
- BASF Corporation
- Bayer Corporation
- The Dow Chemical Company
- Dow Corning Corporation
- DuPont
- Eastman Chemical Company
- ExxonMobil Chemical Company
- Marathon Petroleum Company, LLC
- Occidental Chemical Corporation
- OMNOVA Solutions, Inc.
- W.R. Grace & Co.
Award winners were announced and recognized today at the opening of the 2010 Responsible Care Conference and Expo in Miami. The conference continues through Wednesday, May 5. (For more information about the conference, please visit www.RCconference.org.)

Following is a list of the 51 awards given. An asterisk (*) denotes an “Exceptional Merit” award designation.

**Energy Efficiency Program – Corporate/Business Unit**

- BASF Corporation, for Compressed Air Optimization within Multiple Facilities*
- BASF Corporation, for Energy Efficiency Improvement Goal*

**Energy Efficiency Program – Operating Unit**

- DuPont, DuPont Washington Works, for Site Energy Champion Teflon Steam Trap Program
- ExxonMobil Chemical Company, Baytown Chemical Plant, for Modernization Project
- ExxonMobil Chemical Company, Baton Rouge Chemical Plant – Aromatics Unit, for Aromatics Energy Team
- ExxonMobil Chemical Company, Baton Rouge Chemical Plant – Ester Unit, for Batch Delay

**Energy Efficiency Program – Plant Site**

- The Dow Chemical Company, Corporate/Business Unit, for West Alexandria’s Energy Reduction Results in an Economic Downturn
- DuPont, DuPont Chambers Works, for Thermal Insulation Evaluation and Upgrade
- DuPont, E.I. DuPont, for Reduce Steam Trap Failures at DuPont Chambers Works Facility*
- ExxonMobil Chemical Company, Baytown Chemical Plant, for Unit Intensity Tools*
- ExxonMobil Chemical Company, Mont Belvieu Plastics Plant, for Natural Gas Optimization
- ExxonMobil Chemical Company, Baton Rouge Chemical Plant, for Energy Critical Heat Exchanger Program
• ExxonMobil Chemical Company, Baton Rouge Chemical Plant, for TLE Chemical Cleaning

• ExxonMobil Chemical Company, Baytown Olefins Plant, for Furnace Reliability Improvement*

• ExxonMobil Chemical Company, Beaumont Polyethylene Plant, for Energy Shutdown Checklist

• Marathon Petroleum Company, LLC, Ohio Refining Division, for Marathon’s Canton Refinery Energy Program

• OMNOVA Solutions, Green Bay Facility, for Multiphased Energy Consumption and Greenhouse Gases Reduction Project

• W.R. Grace & Co., Davison Division, for Energy Conservation Program

**Non-Manufacturing Improvement – Plant Site**

• The Dow Chemical Company, Dow Midland HQ - 1714 Building, for Houston Dow Center’s GOLD-Level Renovation*

• ExxonMobil Chemical Company, Headquarters Building, for Building Energy Program

• ExxonMobil Chemical Company, Intermediates Supply Chain, for Tank Insulation

• Marathon Petroleum Company, LLC, Illinois Refining Division, for Environmental Impact

**Public Outreach – Plant Site**

• Marathon Petroleum Company, LLC, Michigan Refining Division, for Environmental Impact*

**Significant Improvement in Manufacturing – Project**

• Albemarle Corporation, Bayport Facility, Pasadena, Texas, for Ammonia Stripper Heat Recovery

• Albemarle Corporation, Albemarle- South Haven, for Conversion of Once-through Heating Systems to Continuous
Bayer Corporation, Corporate/Business Unit, for Bayer Baytown Site Utilities: Improved Combustion-Control Utilizing “Fuel Management” on Boiler No. 5

Dow Corning Corporation, Carrollton Site, for Six Sigma Reduces Distillation Recycle Time and Wasted Energy

DuPont, DuPont Towanda, for Thermal Oxidizer Project

Eastman Chemical Company, Tennessee Operations, Kingsport, Tenn., for Use of New Type of Orifice Trap Saves Steam and Energy

ExxonMobil Chemical Company, Baton Rouge Chemical Plant, for Refinery Gas Energy Efficiency Project

ExxonMobil Chemical Company, Beaumont Polyethylene Plant, for Intercooler Cleaning Program*

ExxonMobil Chemical Company, Baton Rouge Polyolefins Plant, for Boiler Chemical Cleaning

**Significant Improvement in Manufacturing – Operating Unit**

The Dow Chemical Company, Corporate/Business Unit, for Dow Chemical’s PMDI T361 Recycling Stream Optimization

The Dow Chemical Company, Corporate/Business Unit, for Dow Chemical’s Cools Energy Intensity for PMDI Production*

Eastman Chemical Company, Tennessee Operations, Kingsport, Tenn., for Optimizing Production of Hydroquinone Achieves Increased Yield and Energy Efficiency*

Eastman Chemical Company, Tennessee Operations, Kingsport, Tenn., for Replacement of Nos. 28, 29, 30 Distillation Columns*

Eastman Chemical Company, Tennessee Operations, Kingsport, Tenn., for Installation of Flash Column Preheaters

ExxonMobil Chemical Company, Baton Rouge Chemical Plant, for Improved Energy Controls*

ExxonMobil Chemical Company, Vistalon Unit, Baton Rouge Chemical Plant, for Block Operation
• ExxonMobil Chemical Company, Baton Rouge Chemical Plant – IPA Unit, for Reboiler Operation Optimization

• ExxonMobil Chemical Company, Baton Rouge Chemical Plant – Intermediates Units, for Reboiler Operation Optimization

**Significant Improvement in Manufacturing – Plant Site**

• BASF Corporation, Manufacturing Site, for Cyclohexanone 1 Steam Optimization, Freeport, Texas*

• DuPont, DuPont Solae, for Remington Solae Dehumidification Project

• ExxonMobil Chemical Company, Beaumont Chemical Plant, for Steam Integration Project*

• ExxonMobil Chemical Company, Baton Rouge Chemical Plant, for Steam System Efficiency Improvements

• Marathon Petroleum Company, LLC, Illinois Refining Division, for Redesigning the Combined Convective Section*

• Occidental Chemical Corporation, Augusta, Ga., for Sodium Silicate Process Energy Recovery

• Occidental Chemical Corporation, Wichita, Kansas, for Membrane Caustic Pre-heater Project

• Occidental Chemical Corporation, Pasadena, Texas, for Increased Centrifuge Effluent Water Heat Recovery

**Environmental Impact – Plant Site**

• ExxonMobil Chemical Company, Mont Belvieu Plastics Plant, for Manufacturing Excellence

**Environmental Impact – Operating Unit**

• ExxonMobil Chemical Company, Baton Rouge Chemical Plant – Phthalic Anhydride Unit, for Energy Optimization of the Environmental Incinerators

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The American Chemistry Council (ACC) represents the leading companies engaged in the business of chemistry. ACC members apply the science of chemistry to make innovative products and services that make people's lives better, healthier and safer. ACC is committed to improved environmental, health and safety performance through Responsible Care®, common sense advocacy designed to address major public policy issues, and health and environmental research and product testing. The business of chemistry is a $689 billion enterprise and a key element of the nation's economy. It is one of the nation's largest exporters, accounting for ten cents out of every dollar in U.S. exports. Chemistry companies are among the largest investors in research and development. Safety and security have always been primary concerns of ACC members, and they have intensified their efforts, working closely with government agencies to improve security and to defend against any threat to the nation's critical infrastructure.

Responsible Care® is the chemical industry's global voluntary initiative under which companies, through their national associations, work together to continuously improve their health, safety and environmental performance, and to communicate with stakeholders about their products and processes. The Responsible Care ethic helps our industry to operate safely, profitably and with due care for future generations, and was commended by UNEP as making a significant contribution to sustainable development at the World Summit on Sustainable Development in 2002.