

Excellence in Energy

Eleven years ago Platts established the Global Energy Awards to showcase extraordinary accomplishments by energy businesses and individuals worldwide. The Awards recognize excellence and innovation by companies and executives throughout the global energy industry. A total of approximately 150 individuals and companies were finalists for the Platts Global Energy Awards in 2009, with hundreds more nominated.

Platts receives a growing number of nominations each year, with nominations coming in from more than 20 countries in 2009, including Brazil, India, Puerto Rico, Saudi Arabia, South Africa, Spain, Russia, Switzerland, Argentina, China, Pakistan, Bangladesh, Thailand, the United Kingdom and the United

States. The Awards bring together peers from around the world to honor a select group of pacesetters. The Platts Global Energy Awards have been described by past entrants and winners as both the "World Series" and "Academy Awards" of energy.

In 2009 the Awards recognized excellence and innovation by companies and executives in more than a dozen categories within the global energy industry. As we enter into the second decade of this century, the next ten years appear poised to be as tumultuous as the previous ten. Accordingly the energy industry is transforming itself to meet the challenges of the 21st century and beyond, while honoring the achievements of those who have excelled in the present.

Awarding excellence once a year has become the industry's way of acknowledging struggle, saluting innovation, and celebrating success.

Renewal and Responsibility

As the world economy begins to emerge from the economic volatility of the past two years, energy is expected to again be in the spotlight. If finance lubricates the world economy, then energy is its fuel. The machine that is global growth runs on what the global energy industry mines, pumps and generates.

It is true that an industry as pervasive and vital as the energy industry gains a degree of importance to society that most other



industries do not. But with power—be it of the fossil, solar or grid kind—comes responsibility, and the global energy players have been working to not only find their own way through price volatility, geopolitical crises and changing political climates, but to continue to deliver their product to the billions of people around the

planet to whom it is critical.

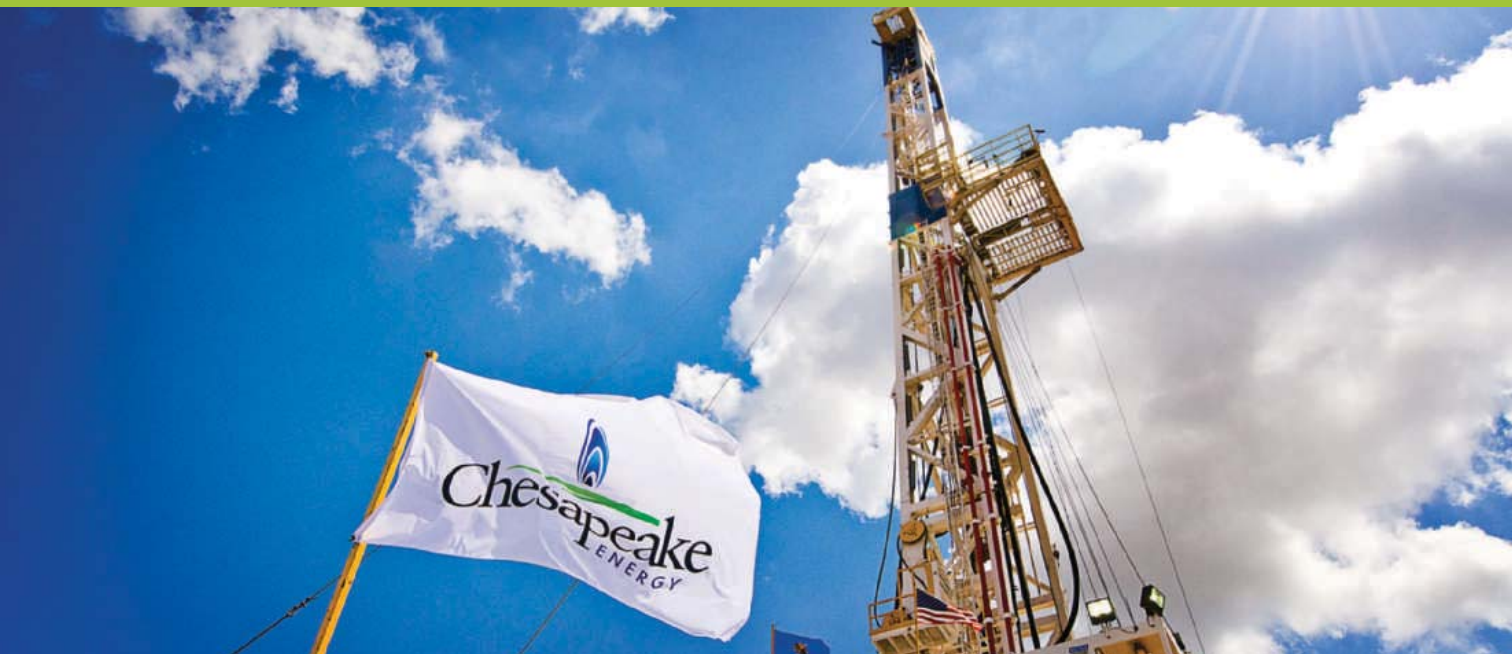
The future is unclear, and context is key. The world has just gone through the worst economic slump since the Second World War, and while there are indeed signs of recovery, no one knows quite when it will arrive. Many issues remain.

For those companies working in the petroleum sector, the last few years have seen an oil price collapse and then a rebound, with rising marginal costs pointing to higher prices in the longer term, but with experts wondering if current levels are sustainable. There's also been a slump in energy investment due to the financial crisis. The question of whether energy investment will bounce back quickly enough to avert a supply squeeze down the road is still on many industry minds. And finally, there is the issue of climate change, with a series of difficult negotiations on a post-2012 climate deal leading up to Copenhagen, which in itself produced mixed messages at best. The world still asks what is needed to do business in an era of climate change dynamics.

Demanding Growth

While global energy use fell in 2009 — for the first time since 1981 — the International Energy Agency (IEA) predicts that demand is set to resume its long-term upward trend once the economic recovery gathers pace. By 2030, the IEA predicts world primary

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Chesapeake is proud to be the nation's leading proponent for the greater use of U.S. natural gas. After all, in today's rapidly changing world, nearly everyone acknowledges the need for energy solutions that are clean, affordable, abundant and American. We're pleased to be featured in this issue saluting the Platts Top 250 Global Energy Companies & Global Energy Awards. As winners of the 2009 "Industry Leadership" and "Energy Producer of the Year" honors, we join *BusinessWeek* in celebrating our industry's best as we champion a cleaner energy future through the greater use of natural gas. chk.com

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energy demand as being 40% higher than in 2007. From 2007 to 2030, the agency sees fossil fuels remaining the dominant sources of energy worldwide, accounting for 77% of the demand increase, and electricity demand growing by 76%. If correct, that increase will require 4,800 gigawatts (GW) of added production capacity, almost five times the existing capacity of the United States today.

Upstream to downstream, delivering energy to the world has never been easy.

Yet in year 2030, 1.3 billion people will still lack basic access to electricity. Though that number is an improvement over the 1.5 billion people without energy today, it is still considered by most to be unacceptable. Universal electricity access could however be achieved with additional power-sector investment of \$35 billion per year from now until 2030, and with only a modest increase in primary energy demand and related CO₂ emissions, but the outlook remains uncertain for those still residing in energy poverty.

Clearly challenges remain, but the energy industry has historically been buffeted by geopolitics, market forces, the environment and technological innovation. But the executives who lead today's energy firms on a daily basis know that turbulence is nothing new. Challenge is a constant in the energy industry, and while for some it would seem that the dynamics are a danger, veteran

industry players know that it is about attacking problems head on, not retreat. From upstream to downstream, delivering energy to the world has never been easy. If it were, anyone could do it.

Winning Achievements

Platts Global Energy Awards judges chose Chesapeake Energy as Energy Producer of the Year for 2009. Chesapeake also received the Industry Leadership Award. This is the second time in three years that Chesapeake has been named the Energy Producer of the Year by Platts Awards judges.

The Energy Producer of the Year Award recognizes excellence in the upstream energy sector for companies that have set world-class standards in exploring for and finding new resources, maximizing technical excellence and innovation in resource extraction, and bringing complex or difficult projects to completion on schedule and on budget. The panel of independent international judges noted Chesapeake's expertise in shale gas and its very high success rate in exploration activities.

Aubrey K. McClendon, Chesapeake's Chief Executive Officer, commented, "We are proud of the accomplishments of our 8,300 employees and honored to be selected as the Energy Producer of the Year for two of the last three years."

The global nature of the energy industry was clearly evident in 2009, with companies from around the world recognized for their



The Winners of the 11th Annual Platts Global Energy Awards

CEO of the Year

James Hackett
Anadarko Petroleum Corporation (USA)

Commercial Technology of the Year

Repsol (Spain) - Kaleidoscope Project

Community Development

Program of the Year
PTT Public Company Limited (Thailand)

Deal of the Year

Enel SpA (Italy) - Endesa Acquisition

Downstream Operation of the Year

S-OIL Corporation (South Korea)

Energy Company of the Year

Anadarko Petroleum Corporation (USA)

Energy Efficiency Program of the Year - Consumer

Johnson & Johnson (USA)

Energy Efficiency Program of the Year - Supplier

Pacific Gas and Electric Company (USA)

Energy Producer of the Year

Chesapeake Energy Corporation (USA)

Engineering Project of the Year

Mirant Corporation (USA)—Potomac River
Generating Station Virtual Stack

ENR Energy Construction Project of the Year

Shell Exploration & Production - Perdido

Green Energy Initiative of the Year

Naval Facilities Engineering Command
(USA) - Energy and Water Management
Program for the Department of the Navy

Industry Leadership Award

Chesapeake Energy Corporation (USA)

Infrastructure Project of the Year

Energy Corporation (USA) -
New Orleans Underground Natural
Gas Service Infrastructure

Lifetime Achievement Award

Tom Casten
Recycled Energy Development
Lee Raymond
Exxon Mobil Corporation (retired)

Marketing Campaign of the Year

Peabody Energy (USA) -
"Coal Can Do That" Campaign

Power Company of the Year

FPL Group (USA)

Rising Star Award

Enzen Global Solutions Private Limited (India)

Sustainable Technology Innovation of the Year

Energy Storage & Power (USA)/PSEG -
Energy Storage Technology

The Smart Grid Choice

	Oracle	SAP	GE	IBM
Meter Data Management	✓			
Mobile Workforce Management	✓			
Network Management	✓		✓	
Customer Care & Billing	✓	✓		
Middleware	✓	✓		✓

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work. One in particular, Repsol of Spain, was given the award for Commercial Technology of the Year. Repsol's Kaleidoscope Project—a partnership of geophysicists, computer scientists and organizations worldwide for processing seismic data—has developed advanced computerized techniques that reveal previously invisible oil and gas deposits efficiently and cost-effectively.

Other global winners included S-Oil Corporation of South Korea for the Downstream Operation of the Year award; and Enzen Global Solutions Private Limited (India), which was given the Rising Star Award. The award for Deal of the Year went to Enel SpA of Italy for the company's Endesa acquisition.

PTT Public Company Limited or PTT of Thailand won the award for Community Development Program of the Year which its main purpose is to develop a role model of community development of self-reliant districts. PTT is a fully integrated petroleum and petrochemical company that operates as PTT Group whose operations ranging from natural gas, oil marketing and trading, to plastic pallet production. PTT Group is noted for its sustained growth, which has given it the momentum to move forward with its goal of becoming Thailand's premier multinational energy company.

"Our sustainable growth comes from our success in balancing between business performance and the well-being of people. Each year we keep on working harder for Thailand's energy stability and the better living of Thai people," says Mr. Prasert Bunsumpun, PTT Group CEO & President.

Platts Global Energy Awards judges recognized Mr. Bunsumpun in 2008, when he was chosen to share the CEO of the Year award. Mr. Bunsumpun has set three strategic principles for the company, including the development of a high performance organization, good corporate governance, and a commitment to corporate social responsibility.

Without our cars and lights, it would be a much different world for us all.

Potomac River Generating Station in Alexandria, Virginia. Mirant conceived of a "virtual stack" to address limitations in the original design of the station which was constructed in the late 1940s.

The awards came full circle with Anadarko Petroleum winning a second award for Energy Company of the Year. Three years

ago Anadarko acquired two major competitors, and the judges highlighted the transformation within the company since then and during the recent global economic crisis. They praised the company and its CEO James Hackett for successfully steering Anadarko through numerous divestitures, exceeding its production targets, restoring its balance sheet and maintaining its commitment to exploration, which paid off in one of the world's top 10 discoveries offshore Ghana.

Excellence by Association

The world's energy industry is as diverse as the mix of resources it transforms. Crude oil, coal, nuclear power, natural gas, hydroelectric and renewables all make up the inputs of a vast, energy transformation machine. The companies that first come to mind are those on the front line of operating that machine; the oil majors, natural gas producers, nuclear power plant developers and the rest.

What's often forgotten is the importance of companies whose contribution to the industry could be considered the lubricant that keeps the machine from seizing up. One of those companies is Oracle Corporation, the world's largest enterprise software company.

As citizens, regulators and customers demand a more sustainable energy future, Oracle has been helping utilities turn information into power. The company builds and integrates mission-critical and business applications on a world-leading technology foundation to help utilities consolidate and use information. "Gathering and analyzing more data about

how we produce, move, and use energy uncovers new ways to slash waste and bolster efficiency," says Guerry Waters, vice president for utilities industry strategy at Oracle. "Utilities are using information to get more from existing resources and help customers use less."

Oracle's industry involvement has most recently included sponsorship of the Platts Global Energy Outlook Forum on Sustainability, at which leading economists and energy experts participated in a lively debate about the true economics of proposed sustainable solutions for future electric power and oil supply.

Positive Outlook

Platts Global Energy Awards and Platts Top 250 Global Energy Company Rankings™ show that energy professionals have become increasingly adept at transforming raw resources into the energy that enables modern civilization. Without our cars and lights, it would be a much different world for us all.

Regardless of how the future energy landscape takes shape, the next decade of Platts Global Energy Awards and Top 250 Rankings will reflect the great decisions, strategies and advancements that are sure to happen. ■

Written by Henry Gentenaar.



WEBSITES TO WATCH

Chesapeake Energy: <http://www.chk.com>
 Oracle: <http://www.oracle.com>
 PTT: <http://www.pttplc.com>
 Platts: <http://www.platts.com>
<http://www.globalenergyawards.com>

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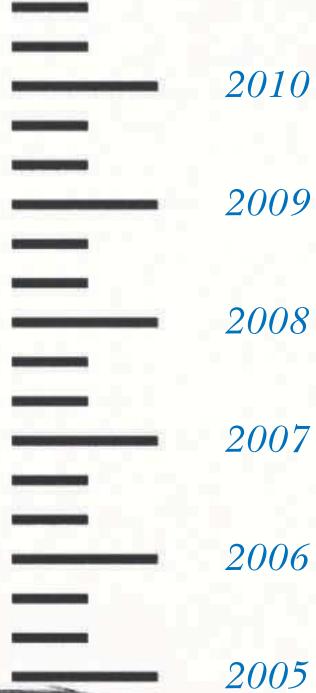
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HOW ARE WE GROWING UP THIS YEAR?



PTT combines a huge portfolio of companies spanning the entire energy and petrochemical chain. We are Thailand's major operator of gas business from offshore platforms to distribution pipelines. Our strong growth and outstanding performance have been marked by a world ranking that continues to rise. In parallel with our business growth, we take part in sustaining the future of this country by taking care of society, community, and environment, and will continue to do so, relentlessly.



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