



What's Important to You is Important to Us

2011 Sustainability Report



About This Report

Contact

For information about this report, the content of our website, Spectra Energy's sustainability initiatives, or to provide feedback, please contact Su-Lin Jaaskelainen or Joanne Howard at sustainability@spectraenergy.com.

On The Cover

The employee on the cover, Joe Bierer, is a Station Attendant at Uniontown Compressor Station in Pennsylvania and has been with Spectra Energy for 32 years.



Scanning a QR (Quick Response) code with your mobile device can easily direct you to a website.

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This report largely focuses on our economic, social and environmental performance during 2010 and 2011 and establishes goals for the period 2012–2013. We account for our operated assets only, which exclude our non-operated joint venture, DCP Midstream, and our jointly operated Gulfstream Natural Gas System and Southeast Supply Header. Since our 2009 report we have acquired Bobcat Gas Storage in Louisiana, a salt cavern natural gas storage facility with up to 19.8 billion cubic feet of working capacity. Through our Master Limited Partnership, Spectra Energy Partners, we also have acquired the Big Sandy Pipeline.

Our reporting conforms to generally accepted standards, including the Global Reporting Initiative (GRI). A brief index to select GRI indicators is located on page 26 of this report, and a detailed GRI index and other information is available on our website. GRI has confirmed this report meets the requirements of GRI 3.1 Application Level B.

We have adopted reporting principles for public disclosure, which are: *transparency, consistency, completeness, accuracy and relevancy*. These principles are reviewed each reporting cycle, and expectations are continuously improved against each principle. For more information regarding our principles, please view our online sustainability report.

We consider several external and internal factors to determine what to report, including those:

- Raised by stakeholders;
- Reported in our industry and relevant to Spectra Energy;
- Required by law and regulations in the areas where we work and voluntary agreements in which Spectra Energy is a participant;
- Related to upholding our values, policies and commitments;
- Representing significant risks to the organization; and
- Enabling our success as well as our contribution to a sustainable future.



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Spectra Energy At A Glance



Su-Lin Jaaskelainen,
Director, Sustainability
and **Joanne Howard,**
Manager, Sustainability

“At Spectra Energy, we embrace corporate responsibility. Our commitment helps ensure that we make sustainable choices every day that meet, and in many cases, exceed our stakeholders’ expectations and deliver long-term value. This ties to the theme of this year’s report, *What’s Important to You is Important to Us* and highlights how we engage with all our stakeholders and pursue a healthy balance of economic, social and environmental practices.”

About Spectra Energy

Spectra Energy Corp (NYSE: SE), a *FORTUNE* 500 company, is one of North America’s premier natural gas infrastructure companies serving three key links in the natural gas value chain: gathering and processing, transmission and storage, and distribution. For more than a century, Spectra Energy and our predecessor companies have connected critical natural gas supply sources to premium markets through pipelines and related infrastructure.

We are based in Houston, Texas, with operations in the United States and Canada that include 5,540 employees, approximately 19,300 miles of transmission pipeline, more than 300 billion cubic feet of storage, as well as natural gas gathering and processing, natural gas liquids operations and local distribution assets. We have a 50 percent ownership in DCP Midstream, one of the largest natural gas gatherers and processors in the United States.

Our U.S. Transmission business provides transportation and storage of natural gas in the northeastern and southeastern United States and in the Maritime Provinces in Canada. In western Canada, our transmission and processing business segment provides natural gas gathering and processing services in British Columbia and Alberta and transports processed natural gas to North American markets. Union Gas, our natural gas storage, transmission and distribution company, provides natural gas to homes, businesses and industries in Ontario, Canada, and stores and transports natural gas for other utilities and companies in Ontario, Quebec and the central and eastern United States.

Sustainability at Spectra Energy

For Spectra Energy, sustainability means providing natural gas infrastructure services to meet North America’s energy needs in a way that is economically, environmentally and socially responsible.

Our sustainability commitments are essential to meeting our business objective of delivering superior value to all our key stakeholders. To accomplish that objective, we are focused on:

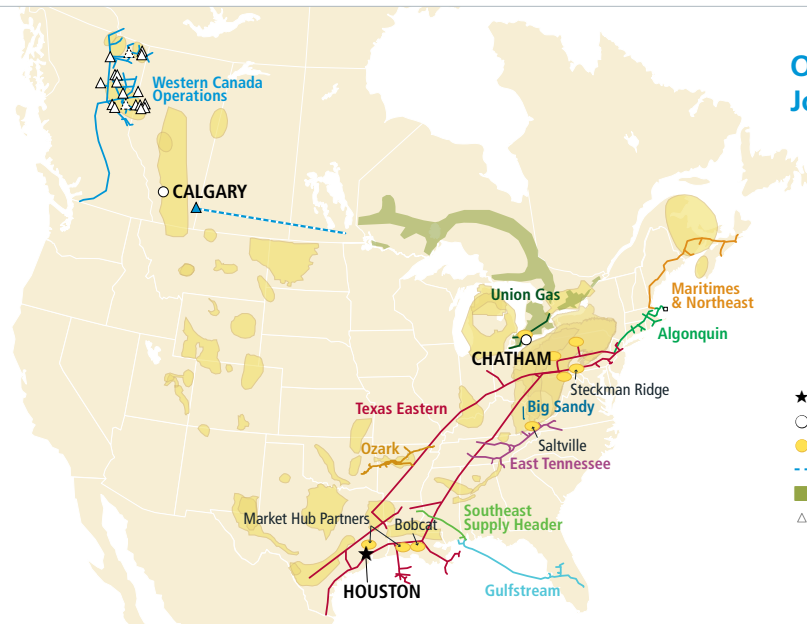
- Delivering on our financial commitments;
- Developing new opportunities and executing expansion plans;
- Strengthening our high-performance culture by reinforcing our priorities of safety and employee engagement; and
- Solidifying our position as an Advisor, Partner, Supplier, Employer and Investment Opportunity of Choice.

Our approach to sustainability is integral to our decision-making and our business strategy, underpinning our focus on being responsive to customer needs; reducing risk; attracting, motivating and retaining talent; and bringing tangible value, such as jobs, to the communities we serve.

Through our commitment to sustainability, we can meet, and in many cases exceed, our stakeholders’ expectations and become the Company of Choice.

Six Commitments of Sustainability

1. Superior Economic Results
2. Strong Governance and Ethics
3. Safe, Reliable, Responsible Operations
4. Respect the Environment
5. Value our People
6. Support our Communities



Our Operated and Jointly-Operated Assets

- ★ Corporate Headquarters
- Major Office Location
- Natural Gas Storage
- - - Natural Gas Liquids (NGL) Pipeline
- Union Gas Distribution Service Area
- △ Western Canada Processing Plant

Focusing On What's Important

Dear Stakeholders,

This year our annual report and sustainability report share a common theme: *What's Important to You.*

Our reports are linked because of the direct connection between sustainable practices and the success of our business. We know that we succeed and thrive by achieving the right balance among economic, environmental and social considerations critical to stakeholders like you.

Most important to us, of course, is the safety of our employees and the public we serve. Despite realizing one of our best years ever in terms of employee safety, sadly we had three contractors working for us lose their lives. That is unacceptable to our company, and we know it is to you as well. We have reinforced contractor safety management and training programs across our organization, and we honor the memory of our late colleagues by recommitting ourselves to keeping one another safe at all times and striving to realize our zero incident goal.

The integrity of North America's natural gas pipeline system is important to our industry and stakeholders. Spectra Energy actively supported the Pipeline Safety, Regulatory Certainty and Job Creation Act, which was signed into law in early 2012. We're confident this legislation will further ensure the safety of natural gas infrastructure. We're proud of the role we played in advocating on its behalf, both as Spectra Energy and as part of industry groups like the Interstate Natural Gas Association of America, which Spectra Energy has the honor of chairing this year.

Our commitment to sustainability is inextricably tied to our goal of being the supplier of choice for customers, the Employer of Choice for individuals, the Advisor of Choice for governments and regulators, the Partner of Choice for communities and the Investment Opportunity of Choice for investors. We have clear metrics that guide our efforts and measure our progress on each of those criteria. You'll learn more in the pages that follow and have the chance to review our sustainability scorecard. We track and report our progress in an open and transparent manner.

While we embrace continuous improvement and see ample room to raise the bar, we're pleased with the progress we're making in key areas. We've made noteworthy strides in improving reliability, customer responsiveness and delivering projects into service on time and within budget. Our stakeholder outreach program has been commended as an industry model, and our work on that front has helped us obtain the necessary permits for our expansion efforts, develop

robust crisis management plans and ensure that the interests of Spectra Energy and our stakeholders are well represented in the public policy arena. We continue our strong track record of delivering earnings and dividend growth critical to investors, and 2011 was a record year for us in terms of net income.

Our more than 5,500 employees are the driving force behind our sustainability focus. They're steadfastly committed to our goals and champion them daily in their work, decision-making and interactions with stakeholders. Their generous spirit is evident in their community involvement, volunteerism and charitable giving. I'm especially pleased to report a 28 percent increase in volunteer hours in 2011, as well as record donations of \$3.1 million to United Way campaigns in the United States and Canada.

While we're playing our part in bringing clean, lower carbon natural gas to market, we're also working to minimize our environmental footprint as we grow our business. We saw progress in reducing our operational impacts and played an important role in helping our Union Gas customers reduce their energy use. We're also strengthening our environmental performance reporting so that we can better benchmark our progress and further minimize the environmental effects of our operations.

We're making steady progress across the board, from being a leader in diversity and inclusion to being named to both the Dow Jones Sustainability World and North American Indexes, *CR Magazine's* 100 Best Corporate Citizens list and leading the energy sector on the Carbon Disclosure Project Leadership Index, S&P 500.

We're especially honored to be named one of the World's Most Ethical Companies for 2012 by the Ethisphere Institute, which recognizes demonstrated leadership in business practices, a strong ethics and compliance culture and corporate social responsibility. Those are meaningful attributes to which our entire team is committed.

Thank you for your interest in Spectra Energy's sustainability performance. We look forward to continuing the dialogue and having more good news to share with you in the future.



Gregory L. Ebel
president and chief executive officer



Gregory L. Ebel



Scan to view
video address.

Stakeholder Engagement



Employees

What's important to you

Our 5,540 employees are our most important assets and ambassadors for our company.

Our employees expect a safe work environment, challenging work, professional development, and competitive compensation and benefits. They tell us that they are engaged because they are empowered to make decisions and perform meaningful work, and they appreciate our commitment to integrity, social responsibility and employee well-being.

We engage our employees through our open-door policy, one-on-one interactions, employee meetings, employee surveys and social media.

is important to us.

In response to our employees, in 2010–2011, we:

- Strengthened our workforce planning and employee development programs.
- Provided our employees with professional training, including a program to prepare them to be ambassadors for our company and industry.
- Improved our health and wellness programs and enhanced our flexible working options.
- Celebrated employee support and volunteerism as one of our priorities for corporate philanthropy.

Customers

What's important to you

Spectra Energy moves over 4.3 trillion British thermal units (TBtu) of natural gas reliably and responsibly each year to more than 1.4 million customers.

Our customers expect safe, reliable, cost-effective natural gas services responsive to their needs. They expect on-time and on-budget projects coupled with responsible environmental performance and community involvement.

We engage our customers through personal meetings and customer surveys and by working with industry to address issues that are important to them. We partner with our customers to promote and build new natural gas infrastructure projects and work with them to conserve natural gas through energy management programs.

is important to us.

In response to our customers, in 2010–2011, we:

- Placed 11 new infrastructure projects into service.
- Invested approximately \$700 million each year in maintenance capital to ensure our assets operate at the highest standards of safety, efficiency, reliability and customer service.
- Delivered 99 percent reliability across our assets.
- Conserved customers' use of natural gas in 2010 by 121 million cubic meters through energy management programs.

Investors

What's important to you

Our purpose is to create superior, long-term value for our investors, customers, employees and communities by providing natural gas infrastructure and services.

Our shareholders expect competitive total shareholder returns, responsible corporate strategy execution, ethical behavior and transparent reporting delivered by a capable management team.

We engage with our investors through face-to-face meetings, quarterly financial teleconferences and reports, our annual shareholder meeting, webcasts, and our annual and sustainability reports.

is important to us.

In response to our investors, in 2010–2011, we:

- Surpassed our 2011 financial commitments.
- Exceeded our targeted 10–12 percent aggregate return on capital employed for our expansion projects.
- Were named to the Dow Jones Sustainability World Index for the second consecutive year and named to the Dow Jones North America Sustainability Index for the fourth consecutive year.
- Ranked first in the energy sector in the 2011 S&P 500 Carbon Disclosure Project Leadership Index.
- Increased the annual dividend for 2012 by almost 8 percent, to \$1.12 per share.



Scan for more information on Stakeholder Engagement at Spectra Energy.



Q&A with Susan Waller, vice president, stakeholder outreach

How does Spectra Energy know what is important to its stakeholders?

We engage with stakeholders affected by our business to learn what is important to them. We develop relationships with our neighbors where we work and live by listening to concerns and then taking appropriate action.

Why is stakeholder feedback important to Spectra Energy?

Engaging with stakeholders allows us to see potential issues through a different lens, which in turn provides us with the opportunity to reach viable solutions more effectively. Feedback from stakeholders helps us deliver the right solutions and the right responses to ensure public safety, provide reliable and responsible operations, and maintain stakeholders' trust.

What are Spectra Energy and the industry doing in stakeholder engagement through the Interstate Natural Gas Association of America (INGAA)?

Our CEO, Greg Ebel, is INGAA's chairman this year and is guiding INGAA's leadership role in many areas, including pipeline safety. INGAA and its members have committed to a series of voluntary steps to improve an already strong pipeline safety record. One of our five guiding principles is "We will engage our stakeholders – from the local community to the national level – so they understand and can participate in reducing risk."

As chairman of INGAA's Stakeholder Engagement and Outreach committee, I uphold our priorities of effective, two-way communications and actively promote land use planning and development near transmission pipelines.

Working with Emergency Responders

In 2011, Spectra Energy hosted an industry-leading event, "Energy Emergencies: What's Next in Response Planning?" The event served as a forum for industry representatives, federal regulators and emergency responders to discuss ways to work together to prepare for hazardous incidents and coordinate responses should an incident occur. Spectra Energy is the first interstate pipeline company to organize an across-the-industry summit that brought a wide spectrum of responders, personnel from multiple companies and agency representatives into a room together.

"The most important aspect of pipeline emergency preparedness and response is communication and cooperation. There is no substitute for establishing positive working relationships before emergencies occur. Spectra Energy's forum brought pipeline operators, emergency responders and regulators together to walk in each other's shoes and take steps to promote consensus response plans. Establishing positive working relationships before an incident helps us react during one. The forum helped us do that."

Lanny Armstrong
Fire Chief,
City of
Pasadena, Texas
Fire Department

Communities

What's important to you

The communities in which we are proud to live and work award us our license to operate. Our communities care about a strong commitment to public safety and safe operations, involvement with local initiatives, and employment opportunities that contribute local wages and taxes. We engage with our communities by listening to and getting to know our neighbors through public meetings and informal discussions. We contribute to our communities through active volunteerism and spirited giving. We also partner with local officials and emergency responders to further enhance pipeline safety.

is important to us.

In response to our communities, in 2010–2011, we:

- Provided economic benefits through jobs and the purchase of goods and services.
- Invested \$10.6 million in philanthropic programs, including 31,800 hours of employee volunteerism.
- Led industry collaboration with public officials to improve public awareness of pipelines and encourage risk-informed decision-making.
- Proactively expanded our risk management practices across our entire transmission system.

Government Officials & Regulators

What's important to you

We work with government officials and regulators to encourage energy, environmental and economic policies that support investment in clean, safe and domestically produced natural gas. Such investment fuels economic growth in North America. Our government officials and regulators expect us to have safe, cost effective operations that comply with all regulations, robust stakeholder outreach programs, and thoughtful participation in public policy debates. We engage with government officials and regulators through face-to-face meetings, involvement in industry groups and tours of our facilities. We provide constructive observations and information that is helpful in developing sound policies.

is important to us.

In 2010–2011, we worked with government officials and regulators to:

- Implement an effective policy to improve pipeline safety, known as the Pipeline Safety, Regulatory Certainty and Job Creation Act of 2011.
- Provide public policy leadership.
- Educate them about our business through one-on-one meetings, speaking engagements and tours of our facilities.
- Demonstrate industry leadership through safety and compliance in our own projects and operations and facilitating ongoing industry dialogue with first responders.

Suppliers & Contractors

What's important to you

We invest about \$2 billion each year with over 39,000 suppliers and contractors. Their products and services, provided in a responsible manner, contribute to our success. Our suppliers and contractors expect safe working conditions, ethical and fair trade practices, timely payment and opportunities to grow their business. We engage our suppliers and contractors through selection and contracting processes and an active network of supply chain professionals. Where possible, we use local suppliers and contractors, contributing to the local economy.

is important to us.

In response to our suppliers and contractors, in 2010–2011, we:

- Committed to achieving best-in-class supply chain performance, which will result in stronger relationships and greater efficiencies.
- Provided training programs to assist our contractors in meeting our Environmental, Health and Safety standards and expectations.
- Worked with our contractors in innovative ways to create opportunities for Aboriginal communities.

Addressing What's Important

Natural Gas – North America's Fuel of Choice

Natural gas stands ready as North America's 21st century fuel of choice – domestically abundant, affordable and clean. And it contributes to our economic, environmental and energy security goals.

Our ability to realize the tremendous benefits of natural gas comes to us through scientific and technological innovation. Today, with advances in hydraulic fracturing and horizontal drilling, natural gas producers are able to access supply reserves from unconventional shale and tight sands formations which had previously been difficult and prohibitively costly to access.

Conservative estimates now point to 100-plus years of natural gas supply in North America. As a result, demand is on the rise, requiring an investment in natural gas facility expansions that could total more than \$200 billion by 2030. That investment will support an average of 103,000 jobs per year through 2035, which, in turn, will generate more than \$170 billion in labor income.

The growing abundance of accessible, economically viable natural gas is a key contributor to another important North American quest – domestic energy security. The United States is the closest it has been in nearly 20 years to achieving energy self-sufficiency, increasing the proportion of demand met by domestic sources over the last six years to an estimated 81 percent in 2011. Using domestic natural gas to replace energy imports limits our exposure to geopolitical risk and volatility.

However, natural gas' significant opportunities are accompanied by challenges. There are some who are concerned that modern production techniques could harm the environment and endanger public health. Regrettably, several recent high-profile incidents have further elevated concerns about natural gas exploration and transportation.

Our industry must continue its long record of responsible resource development – and find ways to instill and improve best practices, learn from one another and be open and forthright in our interactions with stakeholders, regulators and the communities in which we operate. We must bolster public trust by involving all stakeholders in the development process and by responsibly producing new natural gas resources. We must work with legislators and regulators in support of productive policy approaches that enable energy solutions. And we must operate our existing assets and build new infrastructure to the highest safety, environmental and operational standards.

While serious transmission pipeline incidents involving the public are declining, even one is unacceptable. Therefore, industry organizations, such as the Interstate Natural Gas Association of America (INGAA) and the Canadian Energy Pipeline Association (CEPA) are collaborating with government, industry and other stakeholders to further improve pipeline safety. The industry also is working successfully with legislators and regulators to implement policy solutions that benefit all stakeholders.

Dawson Processing Plant



Spectra Energy is constructing a 200 million cubic feet per day (MMcf/d) natural gas processing plant west of Dawson Creek, British Columbia in two phases. The project is scheduled for construction completion and full operation by early 2013.

As a result of community concerns expressed at public hearings for the plant in late 2010, we created a Community Advisory Group as a comfortable forum for the community and company to share information, discuss concerns and seek mutually acceptable solutions. Aided by an independent facilitator, the group meets twice a year through the life of the project.

The group's discussions already have led to resolution of some community concerns. Road safety during the construction phase was a major concern. We cleared trees blocking visibility near a heavily traveled intersection, spent over \$110,000 on maintenance and dust control for the four-mile stretch of public gravel road that plant construction vehicles use to access the site, and incorporated community concerns into the traffic management plan.

Stakeholders also were concerned about emergency response time in case of an incident. We invited the community to learn more about our incident command systems training during a tabletop exercise.



Scan for more information.

Spectra Energy's Commitments

Spectra Energy respects each stakeholder's opinion and strives to turn stakeholder concerns – when they arise – into understanding. We work closely with our customers and local communities as we develop projects. Before we begin any substantive work on a project, we identify and reach out to stakeholders who may be affected by the project's activities. Engaging municipalities, emergency responders, community agencies and others provides us with a greater understanding of our local communities' issues and expectations. The Community Advisory Group that teamed with us while we developed the Dawson Creek, British Columbia, Processing Plant exemplifies our commitment to collaboration with our neighbors.

Stakeholder concerns are important to us, even when they extend beyond the parameters of our business. We recognize that some of our stakeholders have questions about unconventional gas development and the innovative uses of existing technologies – including hydraulic fracturing and horizontal directional drilling. While Spectra Energy is not a natural gas producer, safe and environmentally responsible development of North American natural gas is nevertheless critical to our business. Public concerns around resource development must be addressed thoughtfully and openly. We support greater disclosure and reinforced drilling practices, both voluntarily and through strengthened state regulations that reflect local geologic and hydrologic characteristics.

The natural gas industry has made tremendous strides on the technology front, not only in the affordable development of significant natural gas reserves, but also in increased efficiency, advances in the deployment of infrastructure, and notable gains in reducing emissions and the overall environmental impact of our operations. We are confident that technological advances will continue to serve our public well.

At Spectra Energy, safety is our top priority – from the protection of employees and contractors to the operation of our pipelines. Our safe and reliable operations are supported by an approximate \$700 million annual investment in pipeline asset integrity, maintenance and system reliability programs. We work closely with local, state, provincial and federal agencies to ensure our facilities meet or exceed regulatory requirements for pipeline safety. We also maintain a highly skilled workforce that receives ongoing safety and emergency response training.

Our commitment to safety extends beyond our company to our safety leadership in industry groups such as INGAA and CEPA. In May 2012, Doug Bloom, president of our Western Canada operations, will assume the role of

Chairman for CEPA. From October 2011 to September 2012, Spectra Energy's president and CEO, Greg Ebel, is serving as chairman of INGAA. All members of INGAA are committed to a safety culture in which every person in each pipeline company shares the goal of zero safety incidents. Also, our vice president of asset integrity is leading INGAA's Integrity Management Continuous Improvement efforts.

As we look forward to the increasingly essential role that natural gas will play in North America's energy future, Spectra Energy is focused on leading our industry in safety and reliability, customer responsiveness and profitability. We plan to invest \$15 billion in new infrastructure by the end of the decade and to continue providing leadership on key policy issues. And we are committed to being a good neighbor for our communities.



Q&A with Andy Drake, *vice president of asset integrity*

Why has pipeline safety emerged as a serious concern?

We've always been serious about pipeline safety, but public awareness has been heightened by some well publicized pipeline incidents. One was the catastrophic San Bruno pipeline failure in California. While not a Spectra Energy pipeline incident, it's fair to say that the event shook the public's trust in overall pipeline safety. The San Bruno incident underlined the importance of effective integrity management programs for the entire industry.

What is Spectra Energy doing to rebuild public confidence in pipeline infrastructure?

Nothing speaks louder than performance. I've recently taken the helm of Spectra Energy's newly formed Asset Integrity Department. We work to ensure safe operations by developing and following practices that meet or exceed compliance with safety-related laws and regulations that govern interstate pipelines. We continuously analyze our assets and practices to identify potential opportunities to further enhance safety. By operating safely, we earn trust.

How are you, as a company, engaging with stakeholders on pipeline safety?

We make an explicit effort to be active in industry activities and to be transparent. We listen to our stakeholders and do our best to address their concerns. Our engagement includes meeting with emergency responders to establish contacts, share best practices and deepen relationships. We also meet with legislators, regulators and public advocacy groups who want to learn about our company. At the community level, we hold open forums in neighborhoods where we have assets or development plans, as well as work with planners to ensure safe development near our pipelines. We ultimately strive to ensure that stakeholders understand and have confidence in our efforts and our commitment to managing pipeline safety.

Sustainability Performance Scorecard

WHAT WE SAID/WHAT WE DID ▼

Economic Performance

Deliver on financial and capital project commitments

- We achieved record net income of \$1.2 billion, a 13% increase over 2010, and earnings per share of \$1.81 in 2011. We also increased the annual dividend for 2012 by almost 8%, to \$1.12 per share.
- We placed six expansion projects into service.

Strengthen relationships with key stakeholders by continuously improving engagement and communications

- We engaged with regulators, emergency responders and industry groups, like INGAA and CEPA, to improve awareness for pipeline safety.
- We engaged with government officials across North America on climate change and the benefits of natural gas to the economy and the environment.

Implement Supply Chain Excellence (SCE) program to improve supplier relationships, strategic sourcing, sustainability and enhanced technology

- Through SCE, we improved supplier relationships, realized \$19 million in benefits through strategic sourcing, and implemented enterprise-wide systems and processes.

Continuously improve performance in the Dow Jones Sustainability Index (DJSI) and Carbon Disclosure Leadership Index (CDLI)

- We were named to the DJSI World and North America Indexes and ranked first in the energy sector in the U.S. S&P 500 CDLI in 2010 and 2011, with improvements in both rankings.

NEXT STEPS ▼

- Deliver on financial and capital commitments.
- Continue to provide industry leadership in improving pipeline safety.
- Continuously improve project execution toward best-in-class performance.
- Continue advancements in supply chain excellence toward best-in-class performance.
- Maintain leadership positions on the DJSI and U.S. S&P 500 CDLI.

Governance

Maintain strong corporate governance systems

- We strengthened governance of our EHS and sustainability efforts by assigning oversight responsibility to the Finance and Risk Management Committee of our Board of Directors.
- Our “declassifying” policy was enacted in 2010. We now require a shareholder vote for annual election of all board members.
- Management recommends revising the Certificate of Incorporation to implement a majority vote standard in uncontested director elections in our 2012 proxy. Assuming shareholder approval at the May 1, 2012 shareholder meeting, the Board will implement a majority vote standard for director elections.
- We conduct an annual review of our Code of Business Ethics. It was revised and reissued in 2011 and further updated in 2012.

Conduct independent, third-party review of ethics and compliance programs

- An independent review of our ethics and compliance and Federal Energy Regulatory Commission (FERC) compliance programs concluded that each meets the elements of an effective compliance program.

Implement enhanced ethics and compliance training

- In 2011, 100% of our employees and contractors completed compliance training. During Compliance Week, we conducted comprehensive, live training sessions for 1,300 members of our workforce; all others completed training online.

- Continue to maintain strong corporate governance systems.
- Further advance the culture of compliance by adopting compliance goals in the operations management scorecard.
- Continue to improve compliance training, communications and integration into the business.
- Evaluate the adoption of a supplier code of conduct.

Operations

Continuously improve safety performance, targeting at least 10% recordable incident improvement for employees and contractors

- Sadly, we had three contractor fatalities over the period 2010–2011. Rigorous investigations and lessons learned from these tragic incidents have been completed and shared.
- Total workforce safety performance improved 33% in 2011 compared to 2009 as measured by contractor and employee total incident frequency.

Implement Contractor Safety Management programs across Spectra Energy

- We implemented contractor safety management and training programs company-wide.
- Contractor total incident frequency improved by 14% in 2011 compared to 2009.

Implement Operations Performance Assurance (OPA) framework company-wide, incorporating discretionary maintenance spend and EHS management system

- We adopted OPA company-wide in 2010, focusing on governance, compliance requirements, risk assessment, operational controls, measurement and audit, lessons learned and management review. All businesses are assessing their operations against OPA expectations.

Continuously improve customer satisfaction levels by focusing on reliability and customer responsiveness

- Our 2011 reliability performance of 99.7% exceeded the top quartile of 99.3%. Our line break frequency of 3.71 is a 17% improvement over 2010.
- Union Gas achieved 90% first call resolution in 2011, which exceeded our goal of 88% and equaled our planned 2012 target.
- Over 98% of all U.S. Transmission contracts were renewed on our Texas Eastern Transmission, LP and Algonquin Gas Transmission pipeline systems.

- Improve safety performance, targeting at least 10% recordable incident improvement for employees and contractors as a step towards our ultimate goal of zero incidents.
- Enhance Safety Culture, focusing on recognition of employee safety accomplishments company-wide.
- Develop and implement comprehensive Driving Safety Standards across the organization.
- Continue commitment to Asset Integrity by improving operational effectiveness, enhancing risk management practices and scorecard monitoring.
- Assess design and implementation effectiveness of each business unit’s operations management systems against the OPA Framework.
- Improve customer satisfaction and reliability by maintaining transmission and processing plant reliability performance.



Environment

Develop metrics for environmental footprint and energy efficiency while continuing to improve performance reporting

- We developed energy efficiency metrics company-wide for natural gas transmission facilities, fleets and buildings.
- Performance reporting improved through incorporation of emissions data from acquisitions and verification of select Canadian greenhouse gas emissions.

Extend environmental performance requirements to contractors and suppliers

- We incorporated environmental compliance requirements into select contractor and supplier contracts in 2010.

Conduct pilot waste minimization projects to evaluate waste reduction opportunities

- We conducted waste minimization assessments in 2010, identifying opportunities for recycling and reduction of hazardous waste at three facilities. These assessments led to improved waste management and recycling practices at additional facilities in 2011.

Continue to develop projects and customer-focused programs that reduce greenhouse gas (GHG) emissions

- We reduced or avoided more than 4.3 million metric tons of GHG emissions from 2007 to 2010 by reducing methane emissions, implementing energy management programs for customers, and operating seven carbon capture and storage facilities.

Continue to assess the Fort Nelson Carbon Capture and Storage (CCS) project to determine the feasibility of full project execution

- The feasibility assessment of the Fort Nelson, British Columbia, CCS project continued in 2010 and 2011 and included updating the commercial model, evaluating the storage reservoir, advancing a comprehensive risk assessment and engaging stakeholders.

- Continue to develop projects and programs that reduce or avoid GHG emissions.
- Achieve internal energy efficiency goals in buildings and fleets and achieve 1.86 billion cubic meters of natural gas savings through customer energy efficiency at Union Gas in 2012.
- Evaluate the use of independent third-party verification of EHS data and focus on the accuracy of methane emissions in the United States.
- Continue to assess the Fort Nelson CCS project to determine the feasibility of full project execution.

Communities

Contribute lasting value to communities by implementing a strategic plan for corporate philanthropy in 2010 and beyond

- We implemented our plan for corporate philanthropy, focusing on education and workforce development, community vitality, and employee support and volunteerism.

Union Gas will progress its Demand Side Management programs for low-income customers

- In 2010 and 2011, Union Gas provided 260 low-income customers with resource conservation training.
- Over 47,000 customers saved 7 million cubic meters of natural gas through the Helping Home Conserve (HHC) program.
- The Home Weatherization program reached 450 customers in 2011, conserving an estimated 514,000 cubic meters of natural gas.

Successfully launch a program to train our employees to be ambassadors for Spectra Energy

- During 2011, 297 employees were trained to become informed ambassadors for the natural gas industry and Spectra Energy.

Further advance the supplier diversity program and implement new supply chain benefit tracking process

- Our Canadian businesses worked with key contractors to significantly increase commitment to Aboriginal participation in their contracts.
- We spent over \$119 million in 2011 with diverse suppliers, an increase of 15% over 2010.
- We implemented a supply chain benefit tracking process. We achieved approximately \$86 million in benefits across the enterprise in 2011.

Demonstrate that Spectra Energy always is ready to respond by continuously improving our integrated preparedness program in cooperation with local communities

- We engaged with industry representatives, federal regulators and local emergency responders regarding emergency training, preparedness and communications.
- We successfully conducted several crisis preparedness drills during 2010–2011.

- Continue to strengthen our corporate philanthropy programs to achieve measurable benefits for our communities and our company.
- Continue the enterprise-wide implementation of the Ambassador Challenge.
- Continue to advance the supplier diversity program, especially for Aboriginal stakeholders.
- Enhance communication with and education of emergency responders and local planning commissions and developers.
- Achieve savings of 43 million cubic meters of natural gas for low-income customers, through Demand Side Management programs.

Employees

Continue to develop and improve Human Resource metrics

- We have developed metrics for all areas of Human Resources, including diversity, leadership development, performance management, training, succession planning and Employer of Choice.

Continually assess and implement Workforce Action Plans (WAP) to ensure business sustainability

- In 2011, we identified critical positions “at risk” and implemented strategies, such as knowledge sharing, strategic hiring and succession planning, to ensure a smooth transition.

Implement knowledge sharing in three departments in 2010 and 2011

- We implemented knowledge sharing in the Rates and Regulatory group in 2010 and in the Information Technology and Human Resource departments in 2011.

Implement action plans responding to the results of the employee survey and measure progress

- We implemented organization-wide programs, including employee and leadership training, career development and improved communications in response to the 2009 Employee Survey results.

Prepare candidates for leadership positions using succession planning and employee development, with emphasis on women and diversity candidates

- We implemented succession planning for director-level and above positions throughout the company, proactively identifying qualified candidates, including women and minorities. During 2010 and 2011, we hired and/or promoted 18 employees to director-level and above positions. Of these, 50% were women or minorities.

- Implement an enhanced field supervisory development program for new and existing frontline supervisors.
- Ensure ongoing career and development discussions for all potential successors and high potential employees, especially female and diverse candidates.
- Through knowledge sharing, strategic hiring and succession planning, manage the large transition of employees likely exiting the organization upon retirement over the next five years.



Economic

Highlights

- Meeting the expectations of our investors by fulfilling our financial commitments.
- Improving our ability to work with our suppliers and contractors through the implementation of Supply Chain Excellence.
- Achieving 33 percent improvement in total workforce recordable incident rate – a key safety measure – in 2011 compared to 2009, the best annual total incident rate in the company's five-year operating history.

Challenges

- Achieving our goal of zero work-related injuries or accidents and continuing to improve employee and contractor safety.
- Continuing to deliver superior financial returns across the business.
- Ensuring our major projects are completed on-time and within budget.
- Restoring public trust and rebuilding public confidence in natural gas pipeline infrastructure and pipeline safety awareness.



Scan for more information on Spectra Energy's Economic Performance.

Delivering Solid Economic Performance

Spectra Energy achieved strong financial results in 2011. With the help of prudent financial management, we exceeded our 2011 earnings target, generated strong cash flow, continued to strengthen our investment-grade balance sheet and strategically positioned ourselves to deliver future growth.

Delivering Solid Financial Results

The details of our strong financial performance in 2011 are provided in our Annual Report. Highlights include:

- Achieving record net income from controlling interests of \$1.2 billion, an increase of about 13 percent over the previous year and earnings per share of \$1.81;
- Increasing the annual dividend for 2012 by almost 8 percent, to \$1.12;
- Delivering Total Shareholder Return of 28 percent, outperforming both the S&P 500 and the Dow Jones Industrial Average; and
- Placing six expansion projects into service.

Growing Our Business

Our strategically located assets connect conventional and unconventional natural gas supplies with four of the five fastest-growing markets in North America and provide our customers with access to premier supply and demand markets.

We grow our business through organic growth, expansions and strategic acquisitions, with a continuous focus on safety, reliability and customer responsiveness, as well as profitability. Since 2007, we have invested approximately \$1 billion per year, successfully executing on our projects, with aggregate returns on capital employed in excess of our targeted 10 to 12 percent. By the end of the decade, we expect opportunities to invest an additional \$15 billion in needed infrastructure growth. Achieving regulatory certainty – in terms of both process and timeline – is critical to our ability to develop those infrastructure projects on-time and on-budget.

These growth investments result in significant near- and long-term economic benefits, creating jobs and revenue for host communities. Spectra Energy spent approximately \$2.6 billion in 2011 on materials and services to grow our business. We are committed to advancing the development of diverse supplier relationships, including women- and minority-owned businesses across North America and Aboriginal businesses in Canada. We purchased \$119 million in goods and services from these suppliers in 2011.

Managing Risk

The Spectra Energy board has responsibility for oversight of our risk management process. Through its committees, the board reviews risk across four key areas – financial, strategic, operational and legal.

Members of Spectra Energy's senior leadership team have specific accountability for each key risk area. Within the organization, risk management committees provide ongoing oversight of these risk areas. These committees use a standardized approach, tools and common language to identify risks, which are then prioritized according to their potential impact to the company.

We continually monitor these factors to proactively address the changing dynamics that affect our business and the world around us. For example, our board enhanced the charter of its Finance and Risk Management Committee to strengthen oversight of our sustainability and environment, health and safety performance – key accountabilities for our business.

Achieving Business Efficiencies

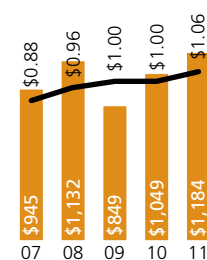
We launched two initiatives to enhance efficiencies in our business processes. In 2009, we launched our Supply Chain Excellence program, which we expect will provide at least \$100 million in annual benefits by 2013 from organizational, process and technology improvements. Our Streamline project standardizes key business systems and processes into a single technology platform to improve data processing efficiency for faster problem solving and enhanced sharing of best practices and lessons learned.

Did You Know?

that the NJ-NY Expansion project has the potential of creating more than 5,000 direct and indirect jobs during the life of the project, generating approximately \$78 million in federal, state and local tax revenues? The design and construction of one of the safest natural gas pipelines in North America can help bring the potential of cleaner domestic natural gas to local host communities.



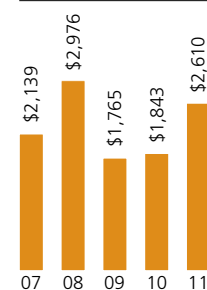
Net Income and Dividends Per Share
\$ in millions except Dividends per Share



■ Net income – controlling interests
■ Dividends per share

In 2011, we achieved record earnings, an increase of about 13 percent over 2010, and in the fourth quarter of 2011 increased our annual dividend by almost 8 percent.

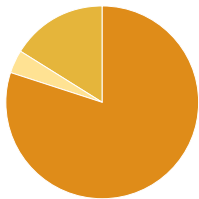
Material and Service Spend
\$ in millions



We practice prudent cost management and capital discipline in our spending for materials and services. The variation in the spend above reflects this, particularly during periods of economic uncertainty.

Acting with Integrity

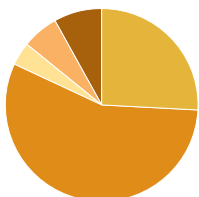
Ethics Reports by Source
percent



- EthicsLine **80%**
- Reported to Ethics Office **4%**
- Other **16%**

Seventy-nine ethics matters were reported in 2011, an increase of 25 percent over 2010.

Ethics Reports by Category
percent



- Accounting & Internal Controls-related **26%**
- Human Resources-related **56%**
- Conflict of Interest-related **4%**
- EHS-related **6%**
- Other **8%**

All reports were investigated; 35 percent were substantiated as violations, and appropriate actions were taken.

We conduct our business with integrity, transparency and accountability. We recognize our stakeholders want to understand how we make decisions, manage our operations and hold ourselves accountable to our commitments and society's expectations.

Strong Corporate Governance

Corporate governance at Spectra Energy starts with an effective board structure supported by clearly articulated policies that drive management systems and processes. We continue to strengthen our governance policies and procedures through our own internal reviews and by evaluating and implementing external best practices.

In 2011, our 12-member board was led by an independent director, and 11 of the 12 board members were considered independent under the rules of the New York Stock Exchange and the U.S. Securities and Exchange Commission.

We have four board committees: audit, compensation, corporate governance, and finance and risk management. All four committees are composed solely of independent directors.

Our board and its committees held a total of 35 meetings in 2011. The near-perfect attendance at these meetings reflects the board's high level of engagement and commitment.

Ethical Behavior and Culture of Compliance

One of the core values of Spectra Energy is integrity – ethically and honestly doing what we say we will do – both as individual employees and as a company.

We speak of a culture of compliance at Spectra Energy, and, to us, that means far more than just obeying the letter of the law and complying with regulations. It also means ensuring our decisions and behaviors are fully aligned with company policies and expectations – which often exceed external requirements.

Our Code of Business Ethics (Code) sets the standard for workplace behavior at Spectra Energy. We expect everyone who works on our behalf – our employees, our board of directors, and our contractors – to adhere to our Code.



We routinely review and update our Code to ensure it incorporates industry best practices. We conduct an internal assessment of our ethics and compliance program on an annual basis. In 2010, we commissioned an assessment by an independent law firm, incorporating many of the recommendations and other enhancements into the Code and our practices. We issued an updated Code to every employee and contractor in 2011.

We are proud that 100 percent of our employees and contractors completed compliance training in 2011. We developed a simple message of “iComply” to reinforce the robust expectations of our compliance culture and held Compliance Week, during which we conducted comprehensive compliance training sessions, consolidating information and requirements from departments across the company. Over 1,300 employees and contractors attended live training sessions; all remaining employees and contractors completed compliance training online.

We encourage the use of our independent and confidential ethics hotline to report suspected unethical and criminal conduct or environmental, health and safety concerns and to ask questions regarding our Code of Business Ethics or other related issues. Seventy-nine ethics related matters and questions were submitted to the office of ethics and compliance in 2011, primarily through the hotline – an increase of 25 percent over 2010. We consider that increase as an indication that our employees are more aware of how we should fulfill the expectations of the Code and that they have confidence in the confidentiality of the reporting systems. The majority of the reported items were related to employee relations, harassment, accounting and other internal controls. All reports were investigated. Of the 79 reported matters, 35 percent were substantiated as violations of company policy or our Code, resulting in appropriate actions being taken. The remaining 65 percent of the reported matters involved responding to questions or investigating matters for which the reporting individual did not possess enough information to understand that no violation had occurred.

Attention to Political Advocacy and Accountability

Spectra Energy's advocacy goal is to be the Advisor of Choice on natural gas-related issues. We focus on communicating the benefits of natural gas, providing leadership to address energy policy and regulations that may affect our industry, our company and our stakeholders. We participate in the democratic process while adhering to all applicable laws in Canada and the United States.

We advocate for the use of natural gas as a foundational fuel and the value of related infrastructure. We encourage understanding and appreciation for the important role natural gas plays in achieving North America's energy, environmental and economic goals. Our advocacy priorities include pipeline safety, the economic and environmental benefits of natural gas, and the contribution of natural gas to North American energy security.

We track and analyze proposed legislation and advocate the company's position with government officials at the state, provincial and federal levels in Canada and the United States. Our key public policy issues include the role of natural gas and the value of infrastructure; regulatory stability; corporate tax policy; and global climate change.

Political Contributions

Spectra Energy makes financial contributions to registered political parties, political action committees and candidate campaigns in the United States and Canada that support policies consistent with the interests of the company's customers, shareholders and employees. Our contributions are in compliance with all applicable federal, state and provincial laws and with Spectra Energy's Charter and Code of Business Ethics. Contributions may be made through the corporation or through the Spectra-DCP PAC, a political action committee that is not affiliated with any political party, candidate or organization and is supported through voluntary contributions from our employees.

Our total corporate political contributions in Canada and the United States were \$181,905 in 2011. Through the Spectra-DCP PAC, eligible employees contributed \$254,590 to candidates and campaigns at the state and federal levels in the United States. All of our U.S. political contributions are publicly disclosed at www.fec.gov.

Attention to Management Systems

We use management systems to monitor and control the implementation of our business strategies and policies, including risk management, operations, stakeholder engagement and environment, health and safety. We continue to focus on improving our systems and making them more robust, interconnected and consistently applied across Spectra Energy. In the past two years, we have further enhanced the following systems, discussed in more detail in the relevant sections of the report:

- Standardized business systems and processes through the Streamline SAP implementation project;
- Implemented Supply Chain Excellence, improving processes for purchasing, data management, inventory optimization and contract management across the organization;
- Implemented uniform processes and common language for risk management across the organization;
- Launched a branded ethics and compliance program, "iComply", and conducted comprehensive compliance training for the entire organization; and
- Advanced the implementation of our Operations Performance Assurance (OPA) framework.

Political Advocacy in Canada

As part of the company's Advisor of Choice goals, Western Canada Transmission and Processing has focused on building awareness among external stakeholders of the role of natural gas as a key economic driver. We reached out to government stakeholders in British Columbia, highlighting opportunities for natural gas in the province's energy policy. We focused on three key opportunities: increased use of natural gas to generate economic and reliable electricity; export of natural gas to new markets in Asia, due to market diversification; and natural gas as a transportation fuel for large fleets and return-to-base vehicles. The company was pleased to see all of these opportunities reflected in the B.C. government's February 2012 Natural Gas and LNG Strategies.

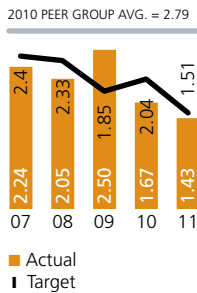
Operating Safely and Reliably

Crisis Management Principles

- We care for safety and lives.
- We provide shelter and care for all affected.
- We communicate openly, candidly and quickly.
- We collaborate, listen intently and respond to concerns and suggestions.
- We minimize property and environmental damage.
- We empower our people to act.

Employee Total Incident Frequency

Number of injuries per 200,000 hours worked



Our employee total incident frequency improved 14 percent in 2011 to 1.43, as compared to a peer group average of 2.79.

The peer group average of 2.79 is how our subsection of the industry performed in 2010, this number is also the basis of comparison based on data availability in 2011.

Our commitment to safety is a deeply held value. The safety of our workforce and others who may be affected by our operations is our top priority. Safe, reliable operations constitute our license to operate and, in conjunction with responsive customer service, enable us to retain existing customers and attract new business.

Prioritizing Safety

We expect our employees and contractors to make a personal commitment to operate and work safely and to strive for a zero injury and zero work-related illness culture. That commitment is underpinned by our Charter and our Environment, Health and Safety (EHS) policy.

Our safety performance is a key business accountability of the organization and all employees, with oversight by the board of directors. Safety performance improvement begins with our leadership. Each year, our leaders develop and implement a personal safety action plan which they share with their team members and implement throughout the year. We ensure that each employee has the appropriate training and skills necessary to prevent work-related injuries and occupational health hazards.

Rigorous and systematic management of safety risk at the operations level is paramount to our safety commitment. Our Operations Performance Assurance (OPA) framework clearly establishes organizational expectations for operational safety and enhances our ability to assess, monitor and act on safety and operational risks.

Reducing Workforce Incidents

Our safety performance is improving in some areas. Spectra Energy's employee incident frequency improved significantly to 1.67 in 2010 with an additional 14 percent improvement to 1.43 in 2011. We continue to work toward attaining all of our safety goals, including top decile performance in our peer group.

Tragically, three of our contractor colleagues lost their lives in 2011. Full investigations were conducted to understand the cause of each incident, and we shared lessons learned across the organization to prevent future occurrences. These sad losses only deepen our resolve to attain a "zero injury and zero work-related illness" culture.

Despite these losses, our contractor incident frequency has improved by 14 percent since 2009 – attributable in large part due to our contractor safety program and safety summits – with a rate of 1.55 in 2011. But we will not be satisfied until every individual working with us returns home safely every day.

Vehicle safety remains an area of challenge for us, with 2011 results below our targeted expectations. Spectra Energy has developed a multi-year strategy for improving driving safety across the organization, beginning with a comprehensive driving safety standard. Aspects of this standard will be implemented in 2012, and the remaining elements in subsequent years.

Leading Asset Integrity

We are keenly focused on asset integrity – both as an essential part of our deeply rooted safety culture and our responsibility to ensure the safe, reliable delivery of natural gas to our customers. Spectra Energy invests approximately \$700 million annually in pipeline integrity and system reliability. We heightened our proactive approach to asset integrity in 2011 by creating an Asset Integrity department with leadership at the vice president level.

Our designs for new pipelines meet or exceed applicable regulatory requirements. Our Integrity Management Program includes a vigorous schedule of inspections, assessments and tests of existing pipelines and exceeds the requirements of oversight agencies. Appropriate actions are taken quickly to address any issues which could compromise the safety of the public, affect the environment or diminish the reliability of the system. We continuously monitor gas flow, pressure, temperature and the operating status of all our pipeline facilities, and we are prepared to respond immediately.

Emphasizing Public Awareness and Crisis Preparedness

We educate and involve the public in helping us keep our facilities, especially our pipelines, safe. By distributing public awareness brochures to citizens along our pipeline systems, we create awareness of the presence of pipelines and explain how to recognize and react to potential leaks or other problems. We regularly meet with excavators to educate them on identifying and avoiding pipelines, and we participate in the U.S. national 811 "call-before-you-dig" utility-locator program and in similar Canadian provincial programs.

Did You Know?

that a ZERO INCIDENT CULTURE is possible?

Some examples include:

- Gillis Compressor Station – ZERO Lost Time Injury for 54 years!
- Empress Gas Plant – ZERO Lost Time Injury since July 1, 2000!
- Hagar LNG Plant – ZERO Vehicle Incidents in last 12 months!



Our crisis preparedness principles guide our employees in the event of an emergency, with the priority of keeping our workforce and communities safe and restoring operations as quickly as possible. Our integrated preparedness program provides a coordinated approach across multiple disciplines in preparing for and responding to crises. Each business runs emergency response drills annually.

Satisfying Our Customers

Spectra Energy has approximately 1.4 million customers ranging from natural gas producers to electric generation utilities and retail customers. We use the following measures across our company to track their satisfaction:

- Reliability – We measure our gathering and processing availability for natural gas producer customers; breaks in service for retail customers; and the reliability of compression facilities for all customers.
- Responsiveness – Important metrics include our ability to resolve utility customer issues after their first call. We also measure whether long-haul customers choose to renew contracts with us.

Providing Reliable Service

In the last five years, Spectra Energy invested almost \$5 billion in 53 projects to grow our energy infrastructure so that we can deliver natural gas to our customers' high demand markets.

We exceeded our 2011 targets for reliability, achieving 99.7 percent reliability across our system and a 17 percent decrease over 2010 in the Union Gas line break frequency.

Responding to Customers

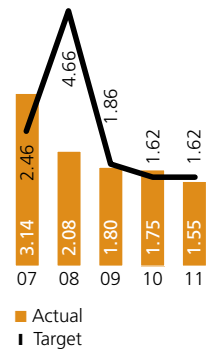
Listening to and responding to our customers' needs is a fundamental priority for all of our businesses and a critical element of our business success. We have many channels for our customers to communicate with us, and we carefully consider all of those communications.

In our transmission, processing and storage businesses, our customers expect competitive rates and reliable service. Our account managers develop ongoing relationships with our customers to respond to their concerns and optimize their services. Customers also have access to online systems for more convenient scheduling, reporting and monitoring of their service, and to provide us with feedback. In 2011, we received increased customer satisfaction ratings for all of our transmission businesses, validating the improvements we made to our systems and procedures as a result of customer input.

At Union Gas, our retail, commercial and industrial customers expect reliability, affordability and responsive customer service. We solicit feedback on whether we are meeting those needs through interaction with our customers, website surveys, surveys conducted through third parties, and participation in industry studies such as the Mastio study which ranked our storage and transmission business first among Canadian pipeline companies in 2011. We obtain additional information by measuring our ability to resolve customer issues after their first call.

Other important aspects of our customer service at Union Gas are our Demand Side Management (DSM) and low-income assistance programs that assist our customers in managing their energy use and lowering their expenses. These programs are discussed further in the environmental and online community sections of this report.

Contractor Total Incident Frequency
Number of injuries per 200,000 hours worked

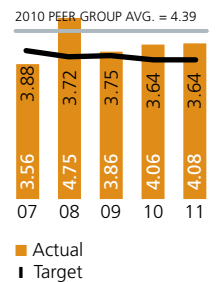


Contractor total incident frequency was 1.55 in 2011, an 11 percent improvement from 2010.

The increase of the target in 2008 is due to an error.

2007 was the pilot year for measuring contractor safety maintenance data.

Employee Vehicle Incident Frequency
Number of vehicle accidents per million miles driven



Employee vehicle incident frequency performance, while ahead of our peer group, did not meet our expectations in 2010 and 2011. We are implementing specific programs to improve performance.



Environment

Highlights

- Reducing carbon dioxide and other emissions by more than 4.3 million metric tons from 2007–2010, with a focus on operational efficiencies; operating seven carbon capture and storage facilities; and providing energy efficiency and management programs for customers.
- Conserving more than 331 million cubic meters of natural gas and lowering our customers' energy costs by \$1.1 billion from 2007–2010 through Union Gas' energy management programs.
- Reducing our air pollutant emissions by 10 percent since 2007.

Challenges

- Minimizing the environmental impacts of our operations while growing our business.
- Managing operations in environmentally- and/or culturally-sensitive areas.
- Monitoring, influencing and preparing for legislation and/or regulations that address greenhouse gases and encourage increased utilization of cleaner, lower-carbon natural gas.



Scan for more information on Spectra Energy's Environmental Practices.

Respecting the Environment

As one of North America's leading natural gas infrastructure companies, Spectra Energy considers environmental stewardship a fundamental priority.

Our environment, health and safety (EHS) policy outlines our commitment to minimizing the impact of our operations and respecting the environment in areas that matter most to our stakeholders and to our business. All employees, contractors, suppliers and partners are held accountable for understanding our policy and meeting all applicable EHS requirements.

Our comprehensive EHS management system, which is incorporated into our Operations Performance Assurance framework (OPA), helps us control the environmental impacts of our operations, from project development to facility decommissioning. This system meets, and in many cases exceeds, the key environmental management requirements of ISO 14001, the industry standard for recommended practices.

A Progressive Approach to Climate Change and Energy Efficiency

Natural gas is the cleanest-burning fossil fuel and plays a foundational role in diminishing the global carbon footprint. We are resolute in doing our part to reduce the effect of greenhouse gas (GHG) emissions on the global climate. For the natural gas pipeline industry, using energy wisely and encouraging our customers to do the same are critical ways we can contribute to reducing GHG emissions. As outlined in our climate change position, we are committed to:

- Developing infrastructure to facilitate the use of natural gas as a cleaner, lower-carbon energy source;
- Operating our facilities safely, reliably and efficiently;
- Providing energy services that help customers increase efficiency and/or reduce GHG emissions; and
- Taking an active and constructive role in the development of climate change policy in the United States and Canada.

Championing Efficient Operations

Increasing the efficiency of our operations is an ongoing priority for Spectra Energy. Reducing the energy we use during our operations and minimizing the amount of gas lost from our pipelines lowers emissions, decreases our costs and conserves natural gas.

Our U.S. Transmission business participates in the U.S. Environmental Protection Agency's Natural Gas STAR Program for methane reduction. We have reduced methane emissions by over 8 billion cubic feet since 2007 by implementing more efficient practices. This translates to about \$50 million in gas conserved for our customers.

Some examples of our efforts to create efficiencies include the smart application of technology in using waste heat to generate power and process gas in our Western Canada Transmission and Processing business and setting annual energy conservation targets for our Union Gas buildings and fleet.

Carbon Capture and Storage

Recent advances in technology are enhancing our ability to significantly reduce emissions. Carbon capture and storage (CCS) technology – which involves capturing CO₂ at the source and injecting it deeply underground into geological formations for permanent storage – is an important step in mitigating the effects of carbon fuels.

Spectra Energy's Western Canada business has proven experience in CCS and is recognized as a world leader in CCS by the U.N. Intergovernmental Panel on Climate Change. Several of our existing facilities are equipped with CCS. On average, these facilities remove and store about 150,000 metric tons of CO₂ each year, totaling more than 800,000 metric tons since 2007.

Currently, the company is assessing the feasibility of developing a world-scale CCS project in Fort Nelson, British Columbia. While a significant investment and complex undertaking, it holds the promise of capturing and storing two million metric tons of CO₂, the equivalent of taking 500,000 cars off the road annually.

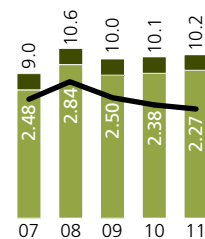
Enhancing Customer Efficiency

Our Union Gas business helps customers reduce their natural gas and electricity use through Demand Side Management (DSM) programs, which use education and financial incentives to motivate customers to use less energy and/or shift their energy use to off-peak times. Between 2007–2010, Union Gas' DSM programs have helped customers save an estimated 331 million cubic meters of natural gas.

Union Gas' DSM programs also support customers' efforts to realize cost savings and environmental benefits by providing audits, training, new building construction advice and building retrofit programs.

Greenhouse Gas Emissions (GHG)

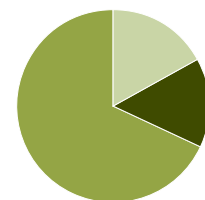
Millions Metric Tons of Carbon Dioxide-equivalent (CO₂e)



■ Indirect GHG Emissions
■ Direct GHG Emissions
■ GHG Intensity (metric tons CO₂e per billion Btu of natural gas throughput)

2011 GHG emissions increased slightly due to growth while GHG intensity decreased due to greater throughput and operating efficiencies.

2007–2010 Avoided or Reduced GHG Emissions, 4.3 million metric tons percent

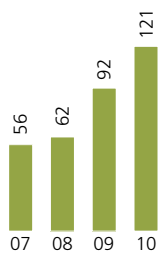


■ Carbon Capture and Storage **17%**
■ Demand Side Management for Customers **15%**
■ Methane Emission Reductions **68%**

A three-pronged approach has resulted in significant GHG emission avoidance or reduction.

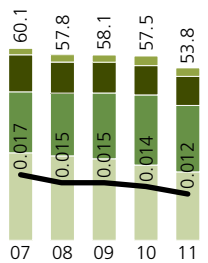
Environment *continued...*

Annual Natural Gas Savings from Demand Side Management (DSM)
Million Cubic Meters (m³) of Natural Gas



Our DSM programs saved customers 331 million m³ of natural gas use from 2007–2010.

Air Emissions of VOCs, CO, SOx and NOx
Thousand Metric Tons



■ Volatile Organic Compounds (VOC)
■ Carbon Monoxide (CO)
■ Sulphur Dioxide (SOx)
■ Nitrous Dioxide (NOx)
■ Air Emissions Intensity (metric tons per billion Btu of natural gas throughput)

We reduced air emissions 10 percent from 2007 by investing in control technologies.

Continued Focus on Greenhouse Gas Emissions

With our commitment to reducing our carbon footprint, Spectra Energy is measuring GHG emissions from our operations – specifically the carbon dioxide produced and emitted in transporting gas through our pipelines and other facilities and the methane that escapes during the transmission process. In 2010 and 2011, our total emissions increased slightly from 2009 as a result of acquisitions of new facilities, organic growth in our infrastructure and operations, and the increased amount of gas transmitted through our pipelines. Emissions from purchased electricity serving our facilities remained steady over this period. We currently are conducting a study to more accurately measure our methane emissions and better understand the sources of those emissions.

In addition to the actual level of emissions, GHG intensity is an important measure of efficiency. We have been successful in reducing the GHG intensity of our operations since 2007, by using energy more efficiently in transmitting gas through our facilities, reducing methane losses and increasing the amount of gas transmitted, resulting in greater efficiency and utilization.

Did You Know?

that Union Gas has three offices with LEED Gold designation? – at Burlington, Kingston and Windsor. Some features include:

- Heat capture, storage and re-use for space heating (Burlington) or cooling via absorption chillers (Windsor and Kingston)
- Reduced electrical lighting by providing 75 percent workspaces with natural light
- Location enables employees to commute via mass transit

LEED or Leadership in Energy and Environmental Design is a standard adopted by the Canada Green Building Council for design, construction and operation of high performance green buildings.



By operating seven carbon capture and storage facilities, providing Demand Side Management programs for our customers and focusing on operational efficiencies, Spectra Energy has reduced approximately 4.3 million metric tons of CO₂ and other emissions from 2007–2010.

Lowering Air Emissions

In addition to GHG emissions, our operations generate nitrogen dioxide (NOx), sulfur dioxide, carbon monoxide and volatile organic carbon emissions. We achieved a 10 percent decrease in these emissions from 2007–2011 by investing in NOx emission controls and ensuring new equipment meets the latest air emissions performance standards before purchase and installation.

Reducing Waste

Our natural gas gathering, processing, transmission, storage and distribution businesses generate solid and liquid waste streams, both hazardous and non-hazardous. Waste volumes vary year on year according to operational and maintenance activity levels.

In 2010, our U.S. Transmission business conducted waste minimization pilot programs that identified opportunities for increased recycling and reduction of hazardous waste. This resulted in improved waste management and recycling practices at additional facilities in 2011.

Assessing the Use of Water

We recognize that fresh water use is an issue of increasing concern to many stakeholders and communities. We are assessing the primary uses of fresh water across our businesses and evaluating our net water use – for cooling and processing in natural gas processing facilities; dissolution of subsurface salt formations to create natural gas storage caverns; and hydrostatically testing the strength of new pipelines and related equipment prior to operation.

The amount of fresh water used by the company each year is determined by the amount of activity in each area. For example, the amount of water used in salt dissolution in storage caverns decreased significantly in 2011 as new caverns were completed.

Approximately 15 billion gallons of fresh water were used in 2011, with an estimated 92 percent discharged and returned to its source at similar or higher quality. The fresh water that we use for salt dissolution in our storage caverns converts to brine and is disposed of in licensed disposal facilities.



Tree replanting at Union Gas' storage hub in southwestern Ontario.

Stewarding the Land Responsibly

Access to land for facilities and pipeline rights of way is a critical priority for our business. We appreciate that many areas across North America have particular biological or cultural sensitivities, and we take great care to consult with stakeholders and minimize our impact on those areas.

Spectra Energy's Code of Business Ethics and Environment, Health and Safety Policy set the expectation that we respect and responsibly manage natural resources. We consider ecological preservation and conservation as a central part of that responsibility.

Before proposing pipeline routes and determining facility locations, we conduct risk assessments and consult with stakeholders to identify potentially sensitive areas and ecological challenges, including protected species and habitats. When possible, and where alternative routes are available, we avoid environmentally- or culturally-sensitive areas. Once pipelines and facilities are in place, we work to maintain the right of way in a manner that balances safety requirements and environmental sensitivities. We mitigate our impact by restoring pipeline rights of way and implementing the recommendations included in environmental and social impact assessments and those provided by permitting agencies.

We also support conservation and ecological preservation efforts in the larger community through grants from the Spectra Energy Foundation to organizations such as the Corporate Wetlands Restoration Partnership (CWRP). A Spectra Energy executive serves in a leadership capacity on the CWRP board of directors.

Reducing Impacts to Bog Turtle Habitats

Using an alternative route is one method for avoiding sensitive resource areas during construction. On the TEMAX Project in 2011, we worked closely with the U.S. Fish & Wildlife Service and affected landowners to successfully re-route the pipeline and realign the workspace to avoid the effects on a bog turtle habitat. Spectra Energy also coordinated with the local township to mitigate the project impact on a wooded conservation area. The company reduced the temporary workspace by 20 percent and planted native trees from the local conservation district during the right of way restoration period.

Collaborative Land Reclamation

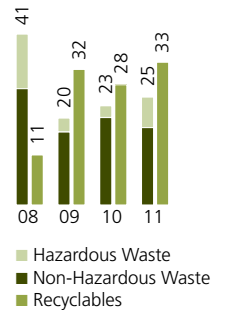
For our 2011 T-North Expansion project in Western Canada, we formed a special reclamation team, working with local Aboriginal communities to develop and implement techniques for minimizing the effects of project construction and restoring creek crossings in the project area. By engaging local stakeholders in a positive and practical manner, we were able to achieve mutually beneficial goals.

Replanting Trees

Union Gas has established a policy to replant twice the tree acreage that has been cleared as a result of construction or replacement of distribution or transmission pipelines, stations or storage pool developments. Native tree seedlings, chosen by the landowner, are offered for replanting on the right of way or on the landowner's property. Only native tree species common to the geographic area and suited to the soil conditions are replanted.

Hazardous and Non-Hazardous Waste

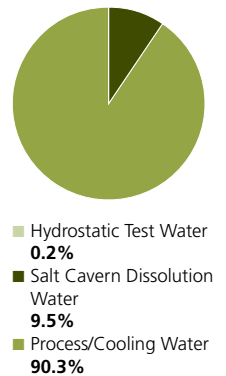
Thousand Metric Tons



Volume of waste generated varies year on year due to periodic maintenance activities; a focus on recycling has improved volumes since 2008.

Fresh Water Use (Gross)

percent



Approximately 15 billion gallons of fresh water was used in 2011, with an estimated 92 percent returned to its source at similar or higher quality.



Social

Highlights

- Working with our key stakeholders, emergency responders and the Pipeline and Informed Planning Alliance (PIPA) to improve public safety.
- Further strengthening relationships with Aboriginal communities through capacity building and economic development.
- Spectra Energy employees and retirees contributing a record 31,800 volunteer hours, and our company, employees and retirees donating \$3.1 million to the United Way in 2011.
- Being recognized for our commitment to diversity and inclusion as a Community of Respect™ by the Anti-Defamation League for the fifth consecutive year and being named to the Corporate Equality Index by the Human Rights Campaign for the third time.

Challenges

- Continuing to improve our ability to understand and respond to our stakeholders' needs and expectations.
- Ensuring our consultations with stakeholders and Aboriginal communities help guide the best decisions for our projects and operations.
- Continuously strengthening our corporate philanthropy programs to achieve measurable benefits for our communities and our company.
- Increasing diversity representation in our management ranks.



Scan for more information on Spectra Energy's Social Practices.

Engaging with Communities

We are a proud member of numerous communities across North America. We build strong relationships with communities by respecting their concerns and by supporting community development as we grow our business.

We work closely with local stakeholders to understand a community's long-term needs and opportunities and direct our programs and funding to initiatives that will have a lasting benefit.

Local Economic Development

Spectra Energy plays a significant role in local economic development. In 2011, we:

- Provided natural gas that fuels business growth and brings warmth and power to families;
- Employed 5,540 people and delivered \$881 million in total wages and benefits;
- Purchased \$119 million in goods and services from diverse suppliers – utilizing local vendors where possible;
- Paid \$831 million in taxes to local, state, provincial and federal governments; and
- Helped customers save 812 million cubic meters of natural gas through programs that empower customers to control their energy use and lower their utility bills.

Responding to Communities

For Spectra Energy, community stewardship means listening to our stakeholders and being responsible members of the communities we serve. We engage local stakeholders affected by our projects and ongoing operations early and often, guided by our Stakeholder Engagement Principles. Our formal processes to assess, mitigate and monitor the environmental and social impact of our operations meet or exceed regulatory requirements.

The feedback that stakeholders provide us is incorporated into project design plans and operating practices. We proactively follow up with key stakeholders to discuss how we have addressed their concerns. For example, on the website for our New Jersey-New York project (yescaspipeline.org), we highlight nine examples of variations to the originally proposed pipeline route that are the direct result of input from concerned stakeholders.

Strengthening Aboriginal Relations

Aboriginal people are our neighbors, business partners, employees and customers. Spectra Energy recognizes and respects the unique cultural and historical characteristics of Aboriginal people and their connections to the land. This understanding underpins our efforts to build mutually beneficial, sustainable relationships with Aboriginal communities within our areas of operation in Canada. Important aspects of this collaborative approach include:

- Seeking opportunities to learn about our respective cultures and objectives;
- Consulting early on project plans to minimize our impact on communities;
- Communicating often regarding activities, evolving interests and progress on commitments;
- Building capacity for economic development through investments in education and opportunities for employment and business; and
- Partnering on community safety and environmental stewardship.

Strategic Giving

Community investment is an important element of our community partnerships. We proudly contributed \$10.6 million in 2011 to the communities where we live and work. One of our most significant investments is in the United Way, to which our company, employees and retirees collectively gave \$3.1 million in 2011, a 7 percent increase over the previous year.

Our community investment policy promotes consistency, while allowing regional flexibility to achieve greater impact. We focus our giving in three areas – education and workforce development, community vitality, and employee support and volunteerism – and work with our community partners to identify those opportunities that achieve the greatest societal and business benefit.

In our 2010 employee survey, 88 percent of our employees said they are proud of our contributions to our communities and that our community involvement is a key driver of their engagement.

Spectra Energy employees demonstrated a strong spirit of philanthropy in 2011 by volunteering 31,800 hours in our communities, 6,000 hours more than the year before. The company gave over \$168,000 in grants to support employees' volunteer work with charitable organizations and matched \$559,000 in employee donations to those organizations.

Total Community Investment

Dollars in millions

2007	\$ 6.6
2008	\$ 7.1
2009	\$ 7.5
2010	\$ 9.2
2011	\$ 10.6

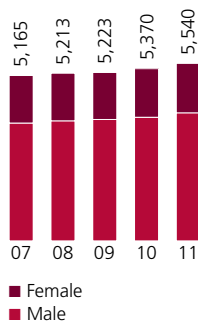
Union Gas celebrated its centennial in 2011, and we awarded more than \$300,000 to charitable and nonprofit organizations across Ontario.

Strategic Sourcing

We are committed to working closely with Aboriginal communities to ensure they share in our economic success by creating business partnerships and employment opportunities. Our Western Canada Transmission and Processing business implemented a procurement program to encourage the inclusion of Aboriginal people in our contracted workforce. In the tendering process, we asked contractors to make commitments to hire Aboriginal peoples and/or subcontract to qualified Aboriginal businesses. We continue to work with our contractors to turn those commitments into action plans. We also encourage our contractors to focus on training, when necessary, to increase the capacity of Aboriginal peoples and subcontractors. We review the results of these efforts annually to make adjustments to the program as needed.

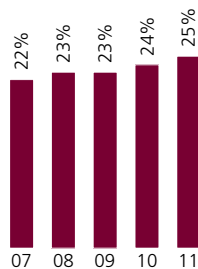
Valuing our Employees

Workforce by Gender



Since 2007, our total workforce has grown by 7 percent while females as a percent of our workforce have remained at 28 percent.

Females as a Percentage of Management



Spectra Energy had 252 females in management in 2011, an increase of 14 percent over 2007.

Spectra Energy's success is largely due to our engaged and highly skilled employees. Our employees tell us they are engaged because they are empowered to make decisions and perform meaningful work and that they appreciate our corporate commitment to integrity and social responsibility.

Our ambitious and overarching goal is to be an Employer of Choice. We attract and retain employees because of our culture of openness and trust built on a shared purpose, common values and our focus on balancing our business objectives with employees' career and personal goals. Spectra Energy's work environment promotes the use and enhancement of employees' skills and competencies throughout their careers.

Effectively Engaging Employees

Respect, listening and two-way dialogue are key elements of employee engagement at Spectra Energy.

Our executives are accessible to employees across the company and communicate with them regularly through face-to-face and town hall meetings, email, webcasts and other company media. We seek employee feedback in our Employee Safety and Engagement Survey and act on that feedback through the development of new programs and other activities.

Our open-door policy encourages employees to request advice and assistance. We also provide a third-party confidential hotline, accessible by phone or Internet, for anonymous questions or reports.

Fostering Diversity, Inclusion and Respect

At Spectra Energy, we place tremendous value on the unique differences of every person and promote a welcoming workplace that respects individual dignity and is free from harassment. Our culture is reinforced through our Diversity Statement of Purpose, Resolution of Respect, and our Code of Business Ethics.

We endeavor to reflect the diversity of the communities where we operate in our leadership and workforce. Each business unit develops diversity strategies in alignment with our corporate objectives, and we work with universities and organizations that can enhance our access to a talented pool of diverse candidates. We proactively identify qualified women and minority candidates during succession planning and thoroughly consider their potential for each leadership position. Development plans are then prepared for these potential successors.

Respect is a key element of our commitment to diversity and inclusion. Each of our businesses requires training on harassment in the workplace. In 2011, we updated our diversity and inclusion intranet site with links to computer-based training, information on our employee resource networks and educational resources. We are developing new ways to provide diversity training to our field employees, such as facilitating employee participation through webcasts and video recordings of events so that employees can view these activities as their schedule permits.

Planning for the Future

To ensure the viability of our future workforce, each department updates a workforce action plan every two years. This addresses organizational needs and skill gaps, with a focus on critical at-risk positions that may need to be filled within 24 months.

We invested approximately \$150,000 in 2011 to identify future talent, particularly in the areas of engineering and business, in the United States and Canada. We recruited 35 interns and full-time employees from targeted schools, including five universities with strong engineering programs. In addition, we committed to doubling the number of engineering internships we offer in both the United States and Canada in 2012. Our Commercial Associate Program attracts MBA graduates with business specialties by offering two years of rotating high-profile, challenging assignments, with access to executive mentors and professional development programs.

We also have developed an orientation process to help new employees learn about the company and its culture and better understand their job expectations and their team's work styles, resulting in increased productivity.

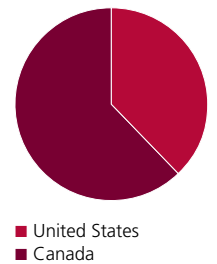
Compensation and Work-Life Balance

Spectra Energy employees are rewarded through competitive compensation and excellent benefits. Employee compensation includes incentive pay for achieving and surpassing safety, environmental, operational, financial and other performance objectives through the Short Term Incentive Plan.

Each of our locations offers benefits to help employees balance work and quality of life, which may include flexible work schedules and telecommuting.

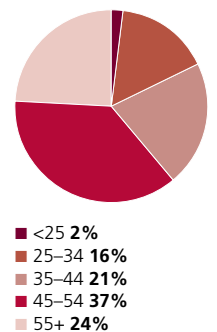


Workforce by Country
percent



Since 2007, our U.S. workforce has grown by 16 percent and 2 percent in Canada. Bargaining unit employees are 41 percent of our Canadian workforce.

Age Demographic
percent



Our workforce demographic includes a large number of retirement-eligible employees. In 2011, our voluntary turnover rate averaged 3.9 percent.

Performance Management

Managers and employees are encouraged to have ongoing discussions on performance management, career progression and personal development. All full-time and many represented employees utilize an annual standardized performance appraisal process. Our Performance Management System supports this dialogue between employees and supervisors about job duties, competencies, work performance and individual development plans.

Developing Business and Leadership Skills

Spectra Energy offers instructor-led training and over 3,600 Web-based courses to build key competencies. We have targeted leadership programs for high-potential employees, women and executives, and we offer training on business acumen and leadership skills applicable to all managers. In addition, educational assistance is available to all regular, full-time employees who wish to continue their academic education.

The company invested \$1.1 million in professional and leadership training programs in 2011, with 33 percent of the workforce receiving training. Also, 142 employees were matched with one of 104 mentors with experience in their areas of interest.

Sharing Knowledge

Through our workforce planning efforts in 2011, we identified departments and roles at risk of losing critical knowledge due to the potential of employee attrition and the age demographics of our workforce. We then developed action plans to retain that knowledge, involving the at-risk groups in training and mentoring; using job rotations to increase exposure between experienced colleagues and those emerging in their careers; and implementing our knowledge-sharing process as needed throughout the organization.

Promoting Employee Well-Being

Spectra Energy is dedicated to creating a safe work environment and offers critical wellness resources, such as a full medical plan for employees, online wellness education and, in some locations, fitness facilities. We provide an Employee Assistance Program – a professional, confidential service to help employees resolve personal concerns.

Spectra Energy follows a corporate standard to identify, prevent and mitigate work-related risks with its Environment, Health and Safety (EHS) management system. We track performance on work-related risks in our corporate-level EHS scorecard and other internal measurement systems and use the results to prioritize action plans, including individual business unit targets.

Data Tables

Summary of 2009–2011 Health & Safety Performance Data¹

	2011	2011 BY BUSINESS UNIT			2010	2009
	SPECTRA ENERGY ¹	WESTERN CANADA	U.S. TRANSMISSION	UNION GAS		
Hours Worked	10,474,969	2,155,585	4,230,067	4,089,317	10,187,364	10,009,030
Work Ratio (% of Employee Hours)	100%	21%	40%	39%	100%	100%
Employee Lost Workday Case Rate²	0.40	0.46	0.28	0.49	0.35	0.54
Employee Total Incident Case Rate³	1.43	1.11	1.28	1.76	1.67	2.5
Employee Vehicle Incident Case Rate⁴	4.08	3.98	4.12	4.06	4.06	3.86
Employee Fatalities	0	0	0	0	0	1
Contractor Total Incident Case Rate	1.55	1.08	1.24	3.55	1.75	1.8
Contractor Fatalities	3	2	1	0	0	0

¹ Excludes DCP Midstream and jointly operated assets.

² Employee LWCR (Lost Workday Frequency) = No. of Lost Workday Cases multiplied by 200,000 hours and divided by actual hours worked.

³ Employee/Contractor TICR (Total Incident Frequency) = No. of injuries multiplied by 200,000 hours and divided by actual hours worked.

⁴ Employee VICR (Vehicle Incident Frequency) = No. of vehicle accidents multiplied by 1,000,000 miles and divided by actual miles driven.

Summary of 2009–2011 Workforce Statistics¹

	2011	2011 BY BUSINESS UNIT			2010	2009
	SPECTRA ENERGY ¹	WESTERN CANADA	U.S. TRANSMISSION	UNION GAS		
Total Employees	5,540	1,175	2,091	2,274	5,370	5,223
Bargaining Unit Employees	1,408	535	0	873	1,373	1,372
Bargaining Unit Employee Percentages	25%	46%	0%	38%	26%	26%
Total Females	1,569	258	486	825	1,522	1,464
Females as a percentage of total	28%	22%	23%	36%	28%	28%
Females as a percentage of professional	n/a	n/a	38%	n/a	n/a	n/a
Females as a percentage of management	25%	19%	23%	30%	24%	23%
Total Minorities²	n/a	n/a	21%	n/a	n/a	n/a
Minorities as a percentage of total	n/a	n/a	33%	n/a	n/a	n/a
Minorities as a percentage of professional	n/a	n/a	19%	n/a	n/a	n/a
Minorities as a percentage of management	n/a	n/a	19%	n/a	n/a	n/a
Voluntary Turnover Rate³	3.9%	4.3%	3.4%	4.3%	3.2%	2.4%
Total Workforce Receiving Training	1,828				2,687	1,900
Percentage of Workforce Receiving Training	33%				50%	36%
Total Investment in Workforce Training (in millions)	\$1.1				\$.85	\$.70
Total Payroll (in millions)	\$881	\$262	\$276	\$343	\$792	\$782

¹ Excludes DCP Midstream and jointly operated assets.

² Ethnic diversity data is not captured in Canada due to privacy regulations.

n/a = not available

³ Union Gas turnover rate includes Maritimes & Northeast Pipeline employees located in Canada.

Summary of 2009–2011 Environmental Performance Data¹

	2011 SPECTRA ENERGY ¹	2011 BY BUSINESS UNIT			2010	2009
		WESTERN CANADA	U.S. TRANSMISSION	UNION GAS		
Greenhouse Gas (GHG) Emissions (in thousand metric tons CO₂e)						
Carbon Dioxide (CO ₂)	5,061	2,815	1,959	287	5,208	7,186 ⁴
Carbon Dioxide (CO ₂) Vented	2,356	2,356	0	0	2,035	n/r ⁵
Carbon Dioxide (CO ₂) from Mobile Sources	27	4	14	9	26.21	34.37
Methane (CH ₄)	1,773	263	1,037	473	1,770	1,672
Nitrous Oxide (N ₂ O)	28	25	1	2	27.75	21.66
Total Direct GHG Emissions²	9,245	5,463	3,010	772	9,066	8,914
Indirect GHG Emissions	956	140	811	5	1,049	1,041
Total Direct and Indirect GHG Emissions	10,200	5,603	3,820	777	10,115	9,955
Normalized Greenhouse Gas (GHG) Emissions⁶ (thousand metric ton CO₂e/BBTU throughput)						
Normalized Total GHG	2.27	1.25	0.85	0.17	2.38	2.49
Normalized Total Criteria Contaminants	0.0120	0.0079	0.0038	0.0003	0.0135	0.0146
Energy Consumption (in thousand MWh)						
Electricity Use	1,673	240	1,401	31	1,303	1,711
Criteria Air Emissions (thousand tons)						
NOx Emissions	21.3	9.2	11.1	1.0	23.5	25.5
SOx Emissions	20.9	20.8	0.1	0.0	21.8	20.6
Carbon Monoxide (CO)	9.2	4.2	4.7	0.3	9.4	9.7
Volatile Organic Compounds (VOC)	2.4	1.2	1.0	0.2	2.8	2.3
Total Criteria Air Pollutant Emissions	53.8	35.4	17.0	1.4	57.5	58.1
Waste Generation (in thousand metric tons)						
Hazardous Waste	7,020.8	5,575.3	564.8	880.7	2,121.1	3,082.0
Non-hazardous Waste	17,976.3	10,774.3	6,655.5	546.5	20,514.3	16,571.0
Total Recyclables	33,279	30,813	1,961	504	28,068	31,623
Spills (Frequency)						
NOVs	31	24	4	3	35	29
Fines paid ³	\$53,674	0	\$33,674	\$20,000	\$2,700	\$79,500

¹ Excludes DCP Midstream and jointly operated assets.

² Environmental data is reported on an operational control basis, except for emissions.

³ Not all NOVs have been reviewed for possible fines at the time of reporting.

⁴ This amount includes CO₂ vented.

⁵ Not reported

⁶ GHG intensity or normalized GHG to throughput is the ratio of GHG emissions over total throughput. This intensity or normalized value allows for more accurate comparison of GHG emission year after year by taking into account variability in throughput over time.

Summary of 2009–2011 Supply Chain Data¹

	2011 SPECTRA ENERGY ¹	2011 BY BUSINESS UNIT			2010	2009
		WESTERN CANADA	U.S. TRANSMISSION	UNION GAS		
Material and Service Spend (in millions)	\$2,610	\$1,024	\$1,162	\$424	\$1,843	\$1,765
Diversity Spend ² (in millions)	\$119	\$41	\$77	\$1	\$102	\$59

¹ Excludes DCP Midstream and jointly operated assets.

² Only diversity spend data captured in Canada is Aboriginal spend.

Awards and Accolades



Newsweek's 2010, 2011
Green Rankings
CR Magazine
100 Best Corporate Citizen
2011, 2012

Chief Learning Officer
Magazine's 2011
LearningElite

Human Rights Campaign
Corporate Equality Index,
2009–2011

Southern Gas Association's
2011 Environmental
Excellence Award

Global Reporting Initiative Index

The Global Reporting Initiative (GRI) is an internationally accepted framework for reporting on an organization's economic, environmental and social performance.

Although our Sustainability Report is not organized according to the GRI list, it addresses many of the indicator topics. We provide a detailed response to all of the GRI indicators on our website at spectraenergy.com.

With this report and our online information, we meet the GRI 3.1 Guidelines Application Level B.

Description	Where Reported
Profile Disclosures	Inside Front Cover, 2–9, 12–13, 26
Disclosures on Management Approach	10–23
Performance Indicators	
<ul style="list-style-type: none"> Economic Environmental Indicators Labor Practices and Decent Work Human Rights Society Product Responsibility 	<ul style="list-style-type: none"> 10–11, 21 16–19, 24 20, 20–23, 25 Please see our detailed index at spectraenergy.com 12–13, 20–21 14–15, 24

Charter

Vision

We are Spectra Energy, North America's premier natural gas infrastructure company.

Purpose

We will create superior and sustainable value for our investors, customers, employees and communities by providing natural gas gathering, processing, transmission, storage and distribution services.

We value:

- Stewardship – Demonstrating a commitment to environmental responsibility and vibrant communities
- Integrity – Ethically and honestly doing what we say we will do
- Respect for the Individual – Embracing diversity and inclusion, enhanced by openness, sharing, trust, leadership, teamwork and involvement
- Safety – Sharing a relentless commitment to a zero work-related injury and illness culture
- High Performance – Accountability, achieving superior business results and stretching our capabilities
- Win-Win Relationships – Having relationships which focus on the creation of value for all parties
- Initiative – Having the courage, creativity and discipline to lead change and shape the future

We know we are successful when we are the:

- Supplier of Choice for our customers
- Employer of Choice for individuals
- Advisor of Choice on policy and regulation for governments and regulators
- Partner of Choice for our communities
- Investment Opportunity of Choice for investors

Cautionary Statement Regarding Forward-Looking Statements

This document includes forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Forward-looking statements are based on management's beliefs and assumptions. These forward-looking statements are identified by terms and phrases such as: anticipate, believe, intend, estimate, expect, continue, should, could, may, plan, project, predict, will, potential, forecast, and similar expressions. Forward-looking statements involve risks and uncertainties that may cause actual results to be materially different from the results predicted. Factors that could cause actual results to differ materially from those indicated in any forward-looking statement include, but are not limited to:

- state, federal and foreign legislative and regulatory initiatives that affect cost and investment recovery, have an effect on rate structure, and affect the speed at and degree to which competition enters the natural gas industries;
- outcomes of litigation and regulatory investigations, proceedings or inquiries;
- weather and other natural phenomena, including the economic, operational and other effects of hurricanes and storms;
- the timing and extent of changes in commodity prices, interest rates and foreign currency exchange rates;
- general economic conditions, which can affect the long-term demand for natural gas and related services;
- potential effects arising from terrorist attacks and any consequential or other hostilities;
- changes in environmental, safety and other laws and regulations;
- results of financing efforts, including the ability to obtain financing on favorable terms, which can be affected by various factors, including credit ratings and general market and economic conditions;
- increases in the cost of goods and services required to complete capital projects;
- declines in the market prices of equity and debt securities and resulting funding requirements for defined benefit pension plans;
- growth in opportunities, including the timing and success of efforts to develop U.S. and Canadian pipeline, storage, gathering, processing and other infrastructure projects and the effects of competition;
- the performance of natural gas transmission and storage, distribution, and gathering and processing facilities;
- the extent of success in connecting natural gas supplies to gathering, processing and transmission systems and in connecting to expanding gas markets;
- the effects of accounting pronouncements issued periodically by accounting standard-setting bodies;
- conditions of the capital markets during the periods covered by the forward-looking statements; and
- the ability to successfully complete merger, acquisition or divestiture plans; regulatory or other limitations imposed as a result of a merger, acquisition or divestiture; and the success of the business following a merger, acquisition or divestiture.

In light of these risks, uncertainties and assumptions, the events described in the forward-looking statements might not occur or might occur to a different extent or at a different time than Spectra Energy Corp has described. Spectra Energy Corp undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.



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Wastewater flow saved

15,000,000 Btu
Energy not consumed

4,625 lbs
Emissions prevented

1,352 lbs
Solid waste not generated

Source: Neenah Paper



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