



WIND

We're currently involved in eight wind power projects with a combined capacity of more than 800 MW – enough to provide power to over 25,000 homes.

Wind energy is one of the best choices for powering the future. It helps decrease the acid rain, smog and the greenhouse gases that contribute to climate change. Enbridge owns and operates the 190-MW Ontario Wind Energy Project (which consists of the Underwood and Cruickshank Windfarms) in Bruce County, Ontario. We also own 100 per cent of the 99-MW Talbot and 99-MW Greenwich Windfarms in Ontario, and the 250-MW Cedar Point Windfarm in Colorado. And we have interests in the 30-MW Magrath and 30-MW Chin Chute Windfarms in Alberta, the 11-MW SunBridge Windfarm in Saskatchewan, and the 308-MW Lac Alfred Windfarm in Quebec.



WASTE HEAT RECOVERY

We have interests in four waste heat recovery facilities in Saskatchewan.

Waste heat recovery units offer an innovative way to capture the exhaust heat from natural gas turbines—which compress gas such that it can be transported through pipelines—and convert it into emissions-free electricity. We have a 50 per cent interest in NRGreen Power, which operates four waste heat recovery facilities along the Alliance Pipeline in Saskatchewan. The units generate a total of about 20 MW – enough to power about 20,000 homes.



SOLAR

The photovoltaic technology in use at Enbridge's Sarnia Solar Project generates electricity with no air emissions, no waste production and no water use. With a capacity of 80 MW, this project is one of the largest operating photovoltaic facilities in the world.

In early 2011, we added to our solar portfolio by acquiring the Tilbury and Amherstburg II Solar Projects, both in Ontario. Together, these projects have a capacity of 20 MW. And, in early 2012, we acquired the 50-MW Silver State North Solar Project in Nevada. Taking into account our four facilities, Enbridge's solar power investments now have the capacity to meet the electricity needs of about 25,000 homes.



GEOTHERMAL

The Neal Hot Springs project represents Enbridge's entry into geothermal energy, which taps into heat beneath the Earth's surface to generate electricity. We think that geothermal electricity has an important role to play in North America's shift towards lower-impact energy production mix.

In mid-2010, we invested in the 23-MW Neal Hot Springs Geothermal Project in Malheur County, Oregon. The project is being developed by U.S. Geothermal Inc., which will also construct and operate the facility. When it begins operation in 2012, the project will inject water below the surface, pushing hot water from the earth up through a production well and converting it into steam through a turbine to generate electricity. The water will then be re-injected back into the ground.

The annual yield for the project will be about 191,000 megawatt-hours—enough to power about 17,500 homes.



FUEL CELLS

Enbridge's fuel cell power plant converts unused pipeline energy into clean electricity that helps reduce greenhouse gas emissions.

In 2008, Enbridge launched the world's first integrated energy recovery and fuel cell power plant at Enbridge Gas Distribution's head office in Toronto. This leading-edge technology harvests pipeline energy that would otherwise be wasted, and combines it with a fuel cell to create the capacity to generate 2.2 MW of clean electricity—enough to serve up to 1,700 homes.

MORE ABOUT ENBRIDGE

One of the world's most sustainable corporations

Enbridge has a widely recognized commitment to corporate social responsibility. In 2012, the company was once again named to the Global 100 list of the most sustainable large corporations in the world. We're also represented on sustainability indexes, including the Dow Jones Sustainability Index (North America) and the FTSE4Good Index.

One of Canada's best corporate citizens

Corporate Knights, the magazine for clean capitalism, listed Enbridge again as one of the Best 50 Corporate Citizens in Canada in 2011.

One of Canada's best, greenest employers

In 2012, Mediapro once again named Enbridge one of Canada's Greenest Employers.

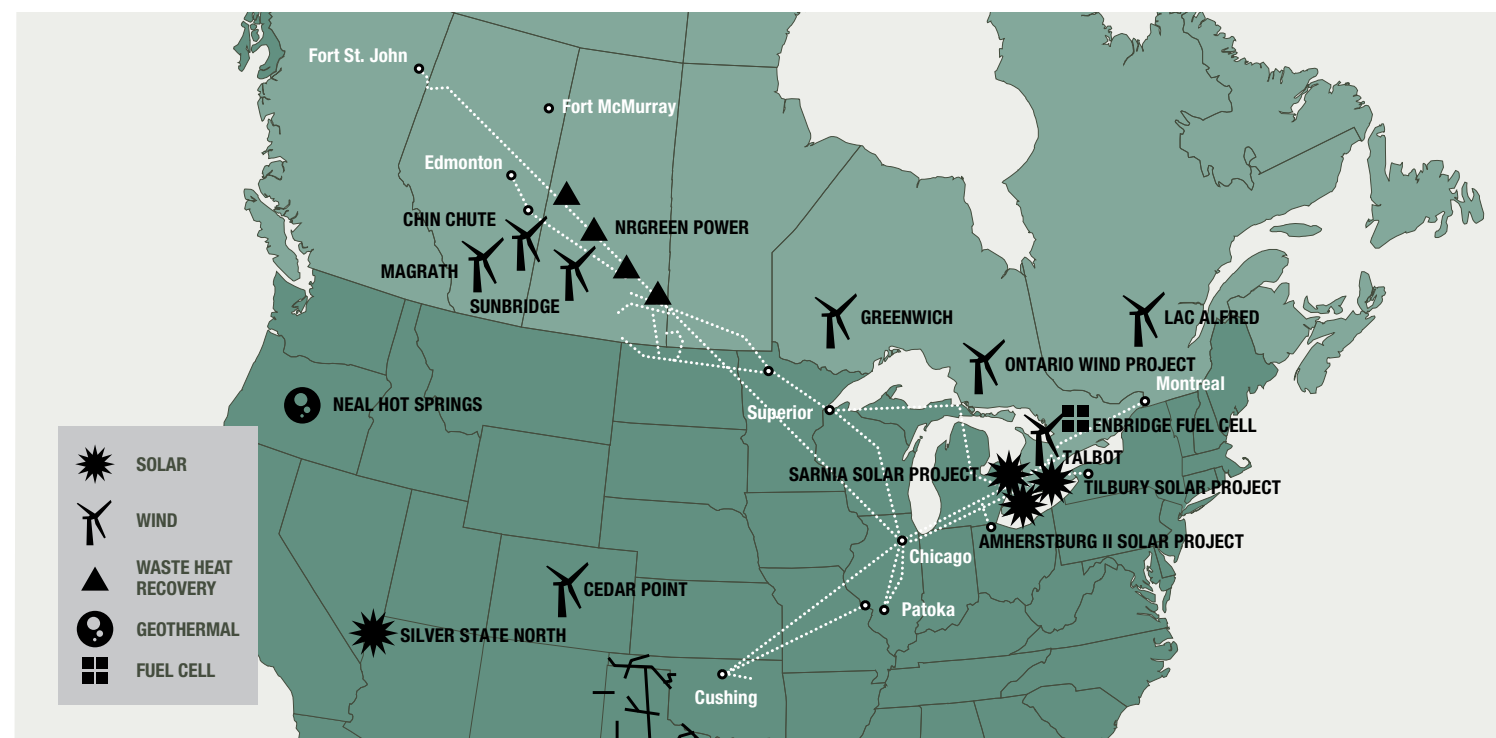
Enbridge's portfolio of renewable and alternative energy projects includes wind, solar, geothermal, waste heat recovery and hybrid fuel cells.

Enbridge's Green Energy Facilities at a Glance

FACILITY	TYPE	GENERATING CAPACITY	OUR INTEREST	LOCATION	COMMISSIONING DATE
SunBridge Windfarm	wind	11 MW	50%	Gull Lake, SK	2002
Magrath Windfarm	wind	30 MW	33%	Magrath, AB	2004
Chin Chute Windfarm	wind	30 MW	33%	Taber, AB	2006
Enbridge Ontario Wind Project (Underwood and Cruickshand Windfarms)	wind	190 MW	100%	Bruce County, ON	2009
Talbot Windfarm	wind	99 MW	100%	Chatham, ON	2010
Greenwich Windfarm	wind	99 MW	90%	Dorion, ON	2011
Cedar Point Windfarm	wind	250 MW	100%	Denver, CO	2011
Lac Alfred Windfarm	wind	308 MW	50%	Amqui, QC	2012/2013
Sarnia Solar Project	solar	80 MW	100%	Sarnia, ON	2009 (20 MW) 2010 (60 MW)
Tilbury Solar Project	solar	5 MW	100%	Tilbury, ON	2010
Amherstburg II Solar Project	solar	15 MW	100%	Amherstburg, ON	2011
Silver State North Solar Project	solar	50 MW	100%	Clark County, NV	2012
NRGreen Power	waste heat recovery	20 MW	50%	SK	2008
Enbridge Fuel Cell	fuel cell	2.2 MW	100%	Toronto, ON	2008
Neil Hot Springs	geothermal	23 MW	20%	Malheur County, OR	2012

Our green energy portfolio of almost 1,000 MW provides a solid foundation for future growth in the renewable and alternative energy business.

Our Green Energy Footprint



ADVANCING GREEN ENERGY



Don Thompson, Enbridge's Vice President, Green Energy

Q&A

A look at Enbridge's green energy business.

In the future, economic growth may depend on effectively using renewable and alternative energy technologies. Being ready to participate in these technologies is good business. In this interview, Don Thompson, Enbridge's Vice President, Green Energy, talks about how Enbridge is preparing for the future through our growing renewable and alternative energy businesses.



For more information on Enbridge's approach to renewable and alternative energy, please contact:

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What is Enbridge's approach to renewable and alternative energy?

We're targeting renewable and alternative energy projects in Canada and the United States that provide attractive returns to our investors and significant environmental benefits.

Why is an energy, transportation and distribution company such as Enbridge involved in the renewable and alternative energy business?

Renewable and alternative energy projects and technologies complement our main business. They provide long-term means of generating energy – and of investing in our future. Our solar and wind projects in particular make up strong businesses that deliver attractive returns and stable cash flows. The risk-reward attributes of these businesses are similar to our more conventional businesses in crude transportation and gas distribution and transmission. In addition, they provide strong environmental benefits and help us meet our goal of stabilizing our company's environmental footprint at 2009 levels.

What does this goal involve?

Our goal is to achieve a neutral footprint for all new projects. This means that, as we expand our operations, we will not allow our environmental footprint to grow past 2009 levels. We intend to achieve this goal by planting a tree for every tree we remove to build new facilities, conserving an acre for every acre of natural habitat we impact, and generating a kilowatt of renewable energy for every kilowatt of energy our operations consume.

How is Enbridge positioned to compete in the "green" sector?

We're well positioned because of our strong strategic vision to grow our renewable and alternative energy businesses, our ability to execute effectively on projects and our significant financial strengths.

What is the status of Enbridge's renewable and alternative energy portfolio?

Enbridge's interests in windfarms, solar facilities, geothermal waste heat and fuel cell generation have a combined capacity of almost 1,000 MW—which is enough electricity to meet the energy needs of about 270,000 homes. And, our portfolio continues to grow. In 2012, for example, we announced our acquisition of the Silver State North Solar

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Project in Nevada. We continue to invest in renewable and alternative energy technologies and companies other than wind, solar, geothermal and fuel cells. For example, we've invested in leading-edge solar technologies (through Morgan Solar), utility-scale hydrogen storage options (through Hydrogenics), and systems that capture waste heat from oil and gas industrial processes (through Genalta).

How much has Enbridge invested in renewable and alternative energy in total?

Since 2002, we've invested almost \$3 billion in green energy. And, going forward, we have a significant capital program to build, own and operate renewable and alternative energy generation facilities across North America.

How does Enbridge work with local communities?

Enbridge believes in open and transparent consultation about our projects with all affected communities and stakeholders. We engage them in clear, honest and respectful communication, and value partnership-based approaches in the communities where we work and operate.

Consulting with First Nation and Métis communities is an important part of our project planning and development activity. Enbridge's Aboriginal and Native American Policy sets out Aboriginal relations and consultation principles that recognize Aboriginal people's close relationship with the land and the environment. Guided by this policy, Enbridge strives to create opportunities that align with their community aspirations.

What kind of future does Enbridge see for renewable and alternative energy?

We believe that the future of renewable and alternative energy is promising in both Canada and the U.S. These are attractive and sustainable businesses that will grow for years to come. At Enbridge, we've been a leader in green energy for almost a decade, and we plan to keep it that way for many decades to come.

At Enbridge, we're contributing to North America's energy future by investing in renewable and alternative energy technologies that complement our core operations and provide environmental benefits.



KEY FACTS

- > **Almost 1,000 MW** total generating capacity from Enbridge's interests in renewable and alternative energy investments (operating and under construction)
- > **Over 270,000** number of homes that can be supplied by Enbridge's green energy investments
- > **Over 1.4 million tonnes** greenhouse gas emissions reduced each year through Enbridge's green energy investments

Who We Are

Enbridge is a North American leader in energy delivery. In Canada and the United States, we operate the world's longest crude and liquids pipeline, and we own Canada's largest gas distribution company. We're advancing renewable and alternative energy projects because we think finding lower impact energy solutions is in everyone's best interests.

Our Portfolio

Our renewable and alternative energy portfolio is diversified and growing. To date, we have interests in almost 1,000 megawatts (MW) of green power capacity—wind, solar, geothermal, waste heat recovery and integrated fuel cells. Our interests in alternative and renewable energy generation, in operation and under construction, have the capacity to supply about 270,000 homes.

Why Renewable and Alternative Energy at Enbridge?

We take great pride in meeting our primary responsibility of safely and reliably delivering oil and natural gas to people across North America. The products we deliver are used to heat homes, power transportation systems and provide fuel and feedstock for industries. At the same time, we recognize that our relationship with hydrocarbons comes with great responsibility. As society looks to greater use of green energy over the long term, we must lead the way now in supporting renewable and alternative energy sources with less impact on the environment. That's why we're investing significantly in green energy. And why we're committed to generating a kilowatt of green power for every kilowatt our operations use.

It's widely recognized that the demand for energy will continue to grow. The challenge of sustainability calls on us to think of ways to meet energy demand with fewer impacts to the environment. As an energy company, Enbridge has a responsibility for the future. That's why we're advancing renewable and alternative energy.

