
Enbridge Safety Performance 2017



Our Performance at a Glance

Last year, Enbridge safely delivered billions of barrels of crude oil to refineries across North America to become the everyday energy we all rely on: gasoline, diesel and aviation fuel that drives our economy and powers our society. We also moved more than 8.2 trillion cubic feet of natural gas to heat homes and drive industry, and generated thousands of megawatts of renewable energy to power our daily lives.

In 2017, we safely transported more than 3.7 billion barrels of oil.

While we continue to drive towards our goal of preventing all incidents, we did experience 11 leaks last year with a total volume of 8,394 barrels of oil. Eight of the 11 leaks occurred and were contained on Enbridge's property or within our facilities. Even though this is a strong safety record, we know that even one spill is too many and that you expect continued improvement from us, so we apply the lessons we learn from each incident to become even safer.

27.3% of the leaks occurred outside the Enbridge property

72.7% of the leaks occurred and remained on Enbridge property.



Natural Gas Pipelines and Processing

In 2017, our gas pipelines transported nearly 22.5 billion cubic feet of natural gas a day, totalling more than 8.2 trillion cubic feet over the course of the year. During that time, we experienced 2 reportable leaks on our natural gas pipelines.

Gas Utilities

Together, Enbridge's natural gas utilities—Enbridge Gas Distribution and Union Gas—provide reliable natural gas service to approximately 3.7 million customers in Ontario, Quebec, New Brunswick and New York State. In 2017, we safely delivered over 1.6 trillion cubic feet of natural gas to those customers.

Our spill performance in 2017

Barrels of crude oil safely delivered in 2017

3,748,152,038

Total barrels spilled in 2017 (0.00022%)

8,394

Barrels spilled within our facilities (0.000035%)

1,309

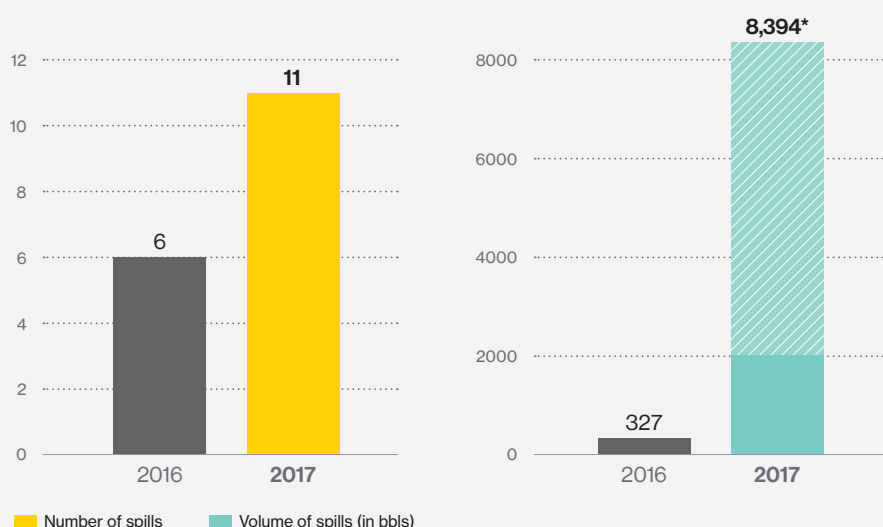
Barrels spilled outside of Enbridge's property in 2017 (0.00019%)

7,085

More oil delivered safely

In 2017, we significantly increased the volume of oil delivered to meet society's energy needs, delivering a record volume of 3.75 billion barrels, a 7% increase over 2016 and a 31% increase over 2015, while maintaining a strong safety performance. However, both the number of spills and the volume released increased from the record-low levels of the year before, serving as a reminder of the need for relentless vigilance and focus to ensure the continued safety and reliability of our operations.

Our spill performance over time



*One incident accounted for more than 6,000 barrels of the total amount spilled in 2017. The incident occurred when a third party struck one of our pipelines during a construction project in an industrial area near the Enbridge Terminal in Edmonton.

By the Numbers

26,719

Last year we completed 26,719 pipeline inspections across our systems to assess and verify the health of our systems. This includes hundreds of in-line inspections, more than 1,700 preventive maintenance digs and nearly 25,000 other assessments, including pressure tests, bridge, water crossing and slope inspections and examination of valves and other equipment.



\$1.7 M

Nearly \$1,700,000 in grants to community first response agencies in 2017 and a total of nearly \$12 million in Safe Community grants across Canada and the U.S. since 2002.



2,500 MW

Enbridge's green power projects—operating and under construction—represent a total of approximately 2,500 MW (net) of renewable energy generation capacity from wind, solar, geothermal and other sources in North America and Europe.

How much every day?

To learn more about the energy we deliver to keep our society powered up and on the go, check out our energy dashboards, which provide a continual, minute-by-minute tally of the natural gas and crude oil we're transporting and renewable energy we're generating.

enbridge.com/enbridge-energy-dashboards



**Read the full 2017 Enbridge
Safety Report to the Community**

To find out more about our safety performance visit enbridge.com/safety where you can explore our most recent Safety Report to the Community and other safety resources.