

# Enbridge Safety Performance 2020



# Our performance at a glance

In 2020, despite the disruption caused by COVID-19, Enbridge safely and reliably delivered billions of barrels of crude oil to North American refineries, where it was converted into the energy and fuel society required to rise to the challenges presented by the pandemic. We also moved more than 9.5 trillion cubic feet of natural gas, a key fuel to heat our homes, enable transportation and manufacturing, and energize our industrial sector. And we generated 1.75 gigawatts (net) of renewable power as part of the transition to a lower-carbon future.

## **In 2020, we safely transported nearly 3.8 billion barrels of oil to market.**

Even as COVID emerged as a global pandemic, disrupting societies and economies, we adapted to keep our team safe and the energy the world counts on moving reliably. Throughout 2020, we sustained our strong safe delivery performance. Over the year we experienced seven incidents, six of which were contained on Enbridge property, spilling a total of 943 barrels of oil. While this is a safe delivery record of 99.99997%, we believe that even one leak is too many. We continually strive to meet our goal of preventing all incidents, so in addition to safely, effectively and thoroughly responding to, containing and cleaning up each spill, we investigated every incident or near miss to identify and address root causes and make our systems even safer over time. We also continued to invest in research and technology, and to engage every employee and contractor to build a stronger and more resilient company culture relentlessly focused on safety.

Seven leaks occurred, six of which were contained on Enbridge property.

Some oil from one of the leaks migrated off Enbridge property

## Natural Gas Transportation

In 2020 we transported nearly 7.75 trillion cubic feet of natural gas – an average of more than 21 billion cubic feet a day. During that time, we experienced 9 reportable leaks on our natural gas pipeline systems, a 63% reduction in the number of incidents compared to the previous year.

## Natural Gas Distribution

Our natural gas utility, Enbridge Gas Inc., provides reliable natural gas service to about 3.8 million customers in Ontario and Quebec. In 2020, we safely delivered nearly 1.8 trillion cubic feet of natural gas to those customers and experienced six reportable natural gas releases.

## Our spill performance in 2020

Barrels of crude oil safely delivered in 2020

3,772,414,115

Total barrels spilled in 2020 (0.000025%)

943

Barrels spilled within our facilities in 2020 (0.000023%)

880

Barrels spilled outside of Enbridge's property in 2020 (0.0000017%)

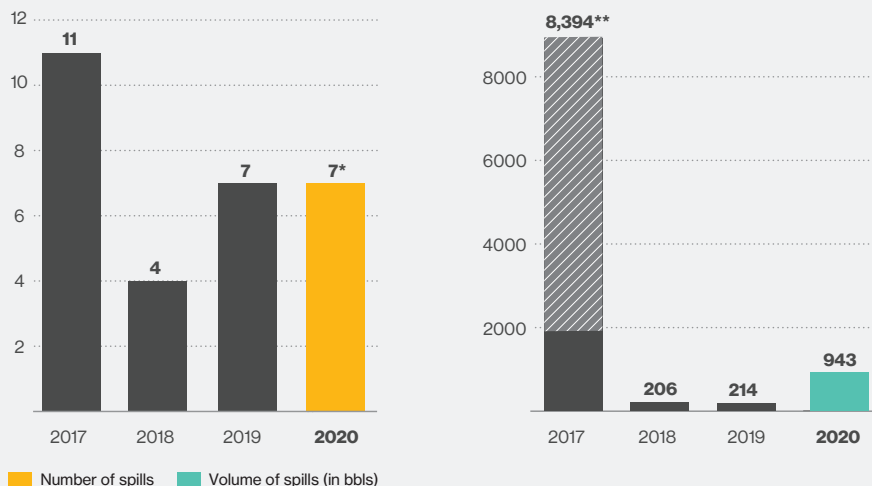
63

## Large volumes shipped with strong safety performance

In 2020, we delivered nearly 3.8 billion barrels of crude oil while maintaining our strong safe delivery record – we matched 2019's record-low number of spills, the total volume of oil spilled increased by 729 barrels from the previous year, but the total volume spilled outside Enbridge property decreased by 43 barrels, a 41% reduction.

Our belief that every incident can be prevented drives our strong safe delivery performance. Our approach and the results we achieve are supported by a relentless focus on safety by every member of our team, built on a foundation of programs, policies and procedures to reinforce our safety culture, and underpinned by billions of dollars invested in the safety of our systems.

### Our spill performance over time



\*Six spills occurred and were contained on Enbridge property; one spill traveled off Enbridge property.

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

## By the numbers

107,739

Last year we completed nearly 108,000 pipeline inspections on our liquids and natural gas pipelines and distribution networks. This includes more than 460 inline inspections, 1,875 preventative maintenance digs, and more than 105,000 other assessments, including pressure tests, bridge, water crossing and slope inspections and examinations of valves and other equipment.



C\$2.8M

In 2020 Enbridge donated more than C\$2.8 million (US\$2.2 million) through 341 grants to community first response agencies. Since we established our Safe Community program in 2002, we've provided more than C\$18.6 million (US\$14.3 million) in grants to help build safer communities across Canada and the U.S.



2,172 MW

Since 2002, Enbridge has committed nearly C\$8 billion in capital to renewable energy and power transmission projects currently in operation or under construction. Together, our renewable energy projects (either operating or under construction) have the capacity to generate 2,172 MW (net) of zero-emission energy.

## 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](https://enbridge.com/enbridge-energy-dashboards)



**Read the full 2020 Enbridge  
Safety Report to the Community**

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