

Answer your questions about the proposed natural gas expansion project.

Talk with you about the construction process.

Discuss the benefits of natural gas and having choice.



**Your Community Open House** 

# Our commitment to consultation

We're committed to a thorough consultation process and want to hear from you.



#### **Inclusive**

We reach out to those who may be interested or affected and provide opportunities to get involved.

### **Transparent**

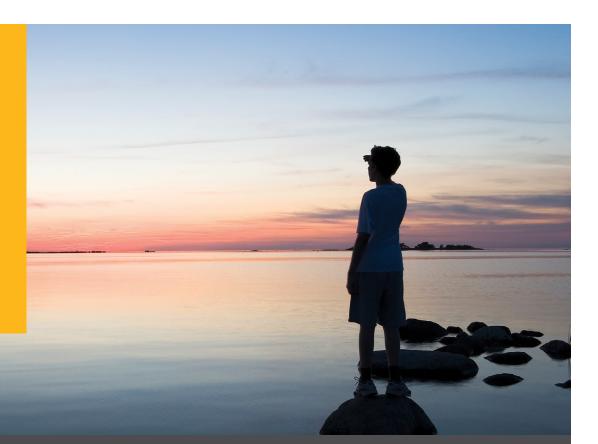
We provide access to clear information to inform your decisions.

#### **Accountable**

We explain how your input will be used in the decision-making process.

As an important part of the process, we work with communities to identify and resolve any project issues.





## Our commitment to Indigenous Peoples

Enbridge recognizes the diversity of Indigenous Peoples who live where we work and operate. We understand that the history of Indigenous Peoples has included social and economic exclusion, and Enbridge recognizes the importance of reconciliation between Indigenous communities and broader society. Positive relationships with Indigenous Peoples, based on mutual respect and focused on achieving common goals, will create constructive outcomes for Indigenous communities and for Enbridge.

Enbridge commits to pursue sustainable relationships with Indigenous communities in proximity to where Enbridge conducts business. To achieve this, Enbridge will govern itself by the following principles:

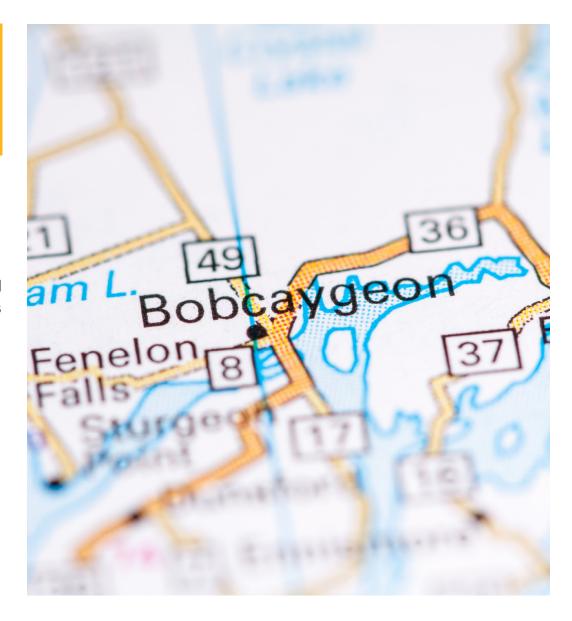
- We recognize the legal and constitutional rights possessed by Indigenous Peoples, and the importance of the relationship between Indigenous Peoples and their traditional lands and resources. We commit to working with Indigenous communities in a manner that recognizes and respects those legal and constitutional rights and the traditional lands and resources to which they apply, and we commit to ensuring that our projects and operations are carried out in an environmentally responsible manner.
- We recognize the importance of the United Nations Declaration on the Rights of Indigenous Peoples (UNDRIP) within the context of existing Canadian and U.S. law and the commitments that governments in both countries have made to protecting the rights of Indigenous Peoples.
- We engage in forthright and sincere consultation with Indigenous Peoples about Enbridge's projects and operations through processes that seek to achieve early and meaningful engagement so their input can help define our projects that may occur on lands traditionally occupied by Indigenous Peoples.
- We commit to working with Indigenous Peoples to achieve benefits for them resulting from Enbridge's projects and operations, including opportunities in training and education, employment, procurement, business development, and community development.
- We foster understanding of the history and culture of Indigenous Peoples among Enbridge's employees and contractors, in order to create better relationships between Enbridge and Indigenous communities. This commitment is a shared responsibility involving Enbridge and its affiliates, employees and contractors, and we will conduct business in a manner that reflects the above principles.
- Enbridge provides ongoing leadership and resources to ensure the effective implementation of the above principles, including the development of implementation strategies and specific action plans.
- Enbridge commits to periodically review this policy to ensure it remains relevant and meets changing expectations.



## **Project overview**

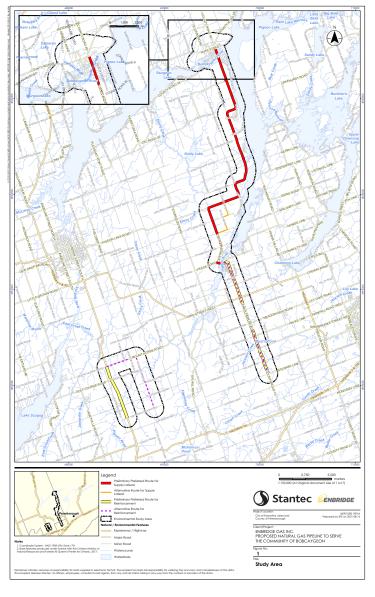
- Installation of approximately 28 kilometres (km) of a combination of steel and polyethylene pipe that will originate near the intersection of Cowan's Drive and Peace Road in Cowan's Bay, Ontario. This pipeline will travel west on Peace Road from Cowan's Drive, north on Centreline Road (County Road 10), east on Pigeon Lake Road (County Road 17), north along County Road 36, west along Duke Street, and will terminate at Main Street. This may be subject to change.
- Natural gas will be available throughout the community, as well as the area outlined above.
- The preferred preliminary route includes reinforcement of the natural gas systems in the vicinity of Janetville, Omemee and Mount Pleasant, which includes approximately 13 km of pipe and will start near the intersection of Marina Street and Peace Road. It will travel east on Peace Road to Emily Park Road, south on Emily Park Road to Stewart Line where it will terminate.

This above installation layout is for illustrative purposes only and can be subject to change.





# Proposed project location





> The map above is for illustrative purposes only and can be subject to change.

# How was the preliminary route chosen?

Here's what we consider when planning

#### **Environmental data**

Location of protected habitat, natural corridors, watercourses, wetlands and species at risk.

Archeology and built heritage.

#### **Experience**

Previous experience in pipeline development, including technical and cost impacts.

## Utilities and infrastructure

Existing/proposed plans for water, wastewater, transportation and transit services.







## **Preliminary preferred route**



## Planning documents

Official plans, environmental management plans, secondary plans and development applications.



## Socio-economic data

Population and demographic information.

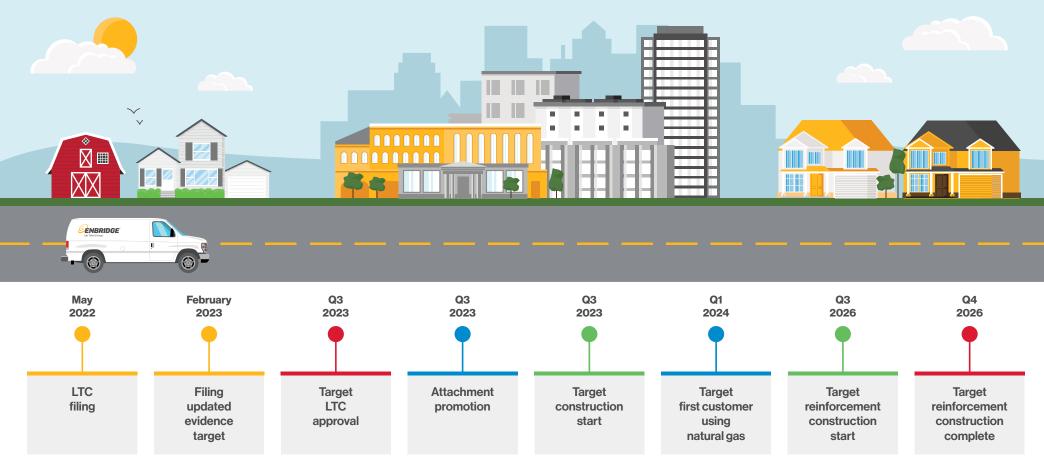


#### **Field studies**

Driving and walking the study area to collect data.



## Bobcaygeon project timeline overview







## Safety is our priority

Pipeline design, construction and operation

## To ensure the safe and reliable operation of our network of natural gas pipelines, we:

- Design, construct and test our pipelines to meet or exceed industry standards and regulations.
- Continuously monitor the entire network.
- Perform regular field surveys to detect leaks and confirm corrosion prevention methods are working as intended.

- Install pipeline signage to identify the general location of the line to avoid accidental pipeline strikes.
- Promote Ontario's Click Before You Dig.
- Since natural gas is odourless, we add mercaptan to give it a distinctive rotten egg smell.
- Support local emergency responders.





# A proven track record



We've successfully completed many similar projects.

We take great care when working in the community to minimize impacts, address concerns and achieve the highest standards of safety. Our pipeline construction projects strive to leave the smallest footprint possible.





## Outcome of the construction



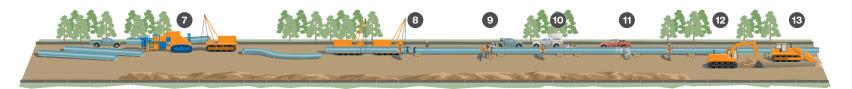
- We know that the pipeline construction may have potential short-term impacts.
- We're committed to working with your community to prevent or minimize these impacts.
- If issues arise, we'll work with you to resolve them quickly.
- Once the construction is complete, we'll monitor to ensure that any impacted areas are restored as close to pre-construction condition as possible.



## How will the pipeline be built?

Construction methodology and process from initial surveys to final restoration





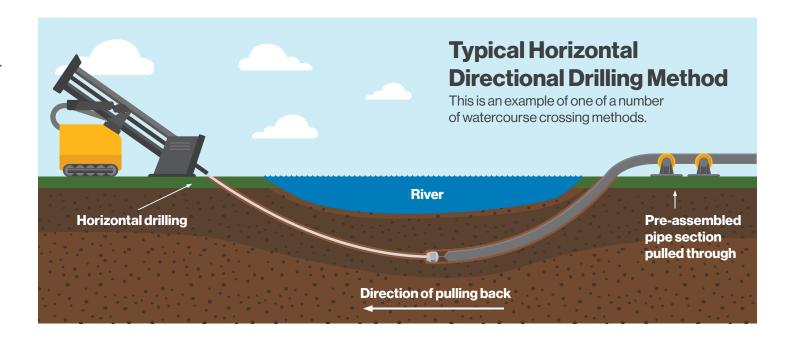


- 1. Pre-construction tiling
- 2. Surveying and staking
- 3. Clearing
- 4. Right-of-way topsoil stripping
- 5. Front-end grading
- 6. Stringing pipe
- 7. Field bending pipe
- 8. Lining-up pipe
- 9. Welding process
- 10. X-ray or ultrasonic inspection, weld repair
- 11. Field coating
- 12. Digging the trench
- 13. Padding trench bottom
- Final inspection and coating repair
- 15. Lowering pipe
- 16. Backfilling
- 17. Hydrostatic testing
- 18. Site restoration and post-construction tiling



## Protecting water, wildlife and the land

- The proposed pipeline would cross watercourses and wetlands.
- To minimize disturbances, as many crossings as possible would be completed using trenchless technology, such as Horizontal Directional Drilling (shown here).
- Other crossings would follow construction best practices, guidelines and permits from local conservation authorities and the Ministry of Natural Resources and Forestry.





## The environmental assessment process



## **Community** consultations

- Identify interested parties.
- Circulate project information and request feedback.
- Document all stakeholder consultation as part of the public record.



## Natural environment and socio-economic program

- Water and land desktop and field studies, to help identify species at risk and their habitat and other natural environmental features.
- Socio-economic studies.



## Heritage resource program

 Background review and consultation to help identify potential built heritage resources.



## Stage 1 archeological assessment

 Background review, consultation and property inspection to help identify archeological potential.



## **Environmental** report

- Summarize results from all studies and consultations.
- Recommend measures to mitigate potential impact on resources.



## **OEB** approval

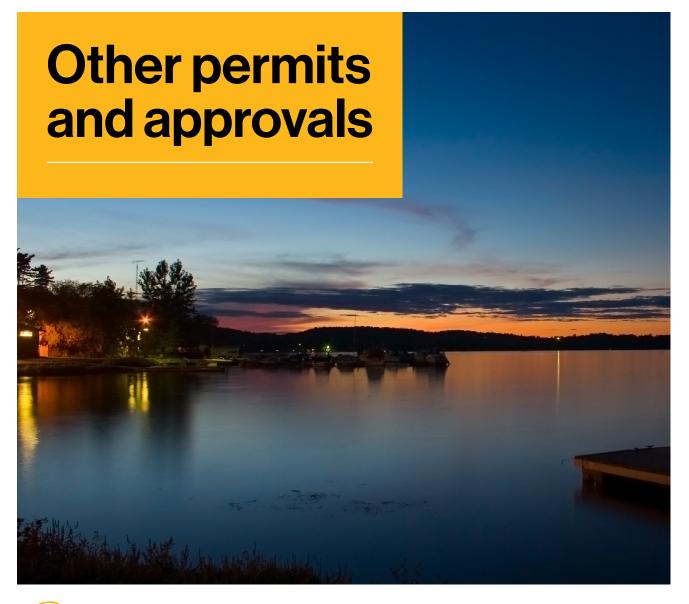
For the proposed project to proceed, it must be approved by the Ontario Energy Board (OEB).



#### The OEB:

- Requires Enbridge Gas complete an environmental assessment and route selection study.
- Ensures the proposed pipeline is in the public interest.
- Reviews the Environmental Report (including details of consultation) as part of the application, known as the Leave to Construct Application.
- Provides a public forum during the review of the Leave to Construct Application for people to participate in the decision-making process. (Parties with an interest in the project may apply to the OEB to become intervenors or interested parties.)
- Regulates the gas company's rates to ensure that they're fair and reasonable.





Some of the permits and approvals we're anticipating being required for the project include:

- Hiawatha First Nation Band Council Resolution.
- Otonobee Region Conservation Authority— Permit to work within a Conservation Authority Regulated Area.
- Ministry of Environment, Conservation and Parks— Endangered Species Act (2007)
   Permit.
- Ministry of Tourism, Culture and Sport (MTCS) — Comment/Acceptance letter for archeological and cultural heritage assessments.
- Ministry of Environment, Conservation and Parks— Permit to Take Water.
- Environment and Climate Change Canada—
   Species at Risk Act (2002) Permit.
- Indigenous and Northern Affairs Canada—28(2) Permit.
- Township of Otonobee—South
   Monaghan—work permit for installation on off-reserve roads.

This is not a complete list of approvals, and requirements are subject to change.





Under Ontario's Bill 32, existing gas customers support community expansion projects with a subsidy.

This subsidy allows
Enbridge Gas to help fund
your community project as
well as other Bill 32 community
expansion projects.

#### Bill 32 allows for:

- An expansion surcharge (\$0.23/cubic metre), paid by **new gas customers** in the area.
- A \$1/month charge to all **gas customers** across Ontario.



## How much can you save each year?

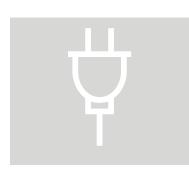
Lower costs, lower emissions, more convenience and peace of mind.

Residential annual heating bills

Annual cost comparison: space and water heating\*







Electricity



**27**%

Propane



**55**%

Heating oil

#### **Bring home** all the benefits



#### More affordable

Compared to other fuels and electricity, natural gas is the most cost-effective way to heat your home and water.



#### Comfort and convenience

Never worry about running out of fuel or waiting for deliveries again.



#### Versatile and efficient

From fireplaces to clothes dryers, natural gas can make your home more comfortable and enjoyable.



#### Lower carbon emissions

Natural gas can help reduce your home's carbon footprint.

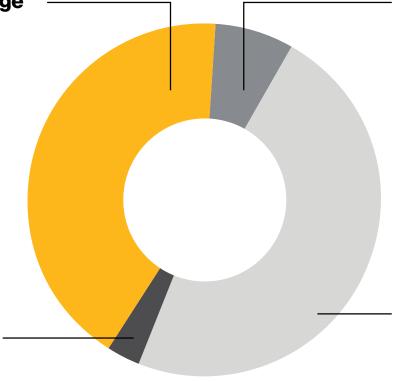


<sup>\*</sup> Natural gas prices are based on Rate 1 rates in effect as of Oct. 1, 2022 and include the \$0.23 per m³ expansion surcharge. Oil price is based on the latest available retail price. Electricity rates based on Hydro One Distribution rates (Mid-density R1) as of Jan. 1, 2022 and Regulated Price Plan (RPP) customers that are on Time-Of-Use (TOU) pricing. They include the new Ontario Electricity Rebate (OER). The propane price comparison is based on the lowest price obtained in an area survey conducted quarterly. Since individual fuel prices vary, savings assumptions may or may not be as accurate in your situation. Costs have been calculated for the equivalent energy consumed and include all service, delivery and energy charges. Carbon price is included for all energy types as reported. HST is not included.

## Where does your money go?

### **Expansion Surcharge**

The fairest way to cover the infrastructure costs of expanding natural gas service.



## **Customer Charge**

This is a fixed \$22.12\* amount that pays for 24/7 emergency response and other services.

\* Subject to change. Please note that all charges, except the fixed customer charge, vary based on how much natural gas you use.

## **Cost Adjustment**

Natural gas rates vary by season—you pay what we pay.

## Supply, Delivery and Transportation Charges

These cover the costs to buy and deliver natural gas to your home.



## Before you leave this evening

#### Please fill out a contact card

Enbridge Gas | Connecting Your Home

Take the first step to savings Let us know you're interested ENBRIDGE in connecting to natural gas Please send the following information to **ceapplications@enbridge.com** Get in touch and a Community Expansion Advisor will contact you soon. any time Name (please print) Address Prefer postal mail? Mail your completed expression of interest to us at: Enbridge Gas Phone number Community Expansion PO Box 618 Bobcaygeon, ON KOM 1A0 **Email address** Existing primary heat source Existing secondary heat source Questions? We're here for you. Contact a Community **Expansion Advisor:** Signature Date 1-833-356-2689 ceapplications@enbridge.com Completing this Expression of Interest Card is not an application for natural gas, or a binding contract by either you or Enbridge Gas for natural gas service. The Expression of Interest Card is intended to help us understand community interest in converting to natural gas if it were to become available. Pending regulatory approvals, we anticipate that we will begin to accept natural gas applications for this expansion project in summer 2023.

# Questions or comments Please contact our team: Community Expansion ceapplications@enbridge.com



## Net Zero 2050: Path to Success

Energy powers our vehicles, warms our homes and helps produce the goods we use every day. Addressing these three largest sources of emissions through a diversified energy system is the most cost-effective and resilient way to achieve net zero.

#### **Transportation Building heating and cooling Industrial processes Energy sources** Transition to renewables. Switch to lower-emission sources. Advance innovative technologies. Adopt high-efficiency technologies. A mix of renewable power, renewable Electrification of Compressed and Energy conservation, heat pumps, hybrid Energy conservation, hydrogen and natural gas and hydrogen for clean and light-duty vehicles. renewable natural heating, geothermal, district energy and carbon capture for processes that can't reliable energy. green fuels for clean and reliable heat. easily be electrified. gas and hydrogen for hard-to-electrify heavy transport. Geotherma District energy

Carbon storage



Gas storage

## **Energy transition study findings**

## A diversified pathway that leverages both Ontario's gas and electric systems can achieve net zero, with greater:



#### **Affordability**

Achieves the same outcome as the electrification pathway at \$202 billion less cost.



#### Reliability

Meets the energy needs of Ontario homes and businesses, even on the hottest and coldest days of the year.



#### Resiliency

Protects against impacts from extreme events, such as weather and cybersecurity incidents.



#### Consumer choice

Allows Ontario
energy consumers
the flexibility to
make choices
on the path to
net zero.



# Enbridge is advancing reliable and cost-effective solutions for Ontario's net-zero energy future

#### Conservation



Helping homes, business and industry use less energy through conservation programs.

#### Renewable gases



Advancing the transition to renewable gases:

- Hydrogen
- Renewable natural gas
- Opt Up, hydrogen blending

#### Clean energy technologies



For fleets and heavy transport that can't be practically electrified:

- CNG
- RNG
- Hydrogen



For reliable, costeffective and sustainable heat:

- Hybrid heating
- Geothermal
- CHP
- Solar PV
- Waste heat recovery



For energy-intensive processes that can't be electrified:

- Clean and lowemission gases
- Carbon capture and storage

