

# LINE 5 PIPELINE

## VITAL U.S.-CANADA ENERGY INFRASTRUCTURE

### INTEGRATED ENERGY SUPPLY BENEFITS

- Line 5 provides **essential, reliable, and secure energy for Michigan, Ohio, Pennsylvania and the Great Lakes region**, keeping our cross-border communities and economies growing for over six decades.
- 55% of propane used by households and industry state-wide in Michigan (rising to 65% in the Upper Peninsula) is produced at a specialized facility in Sarnia, Ontario. Line 5 is the only pipeline that can deliver natural gas liquids to that facility.
- Line 5 is monitored at the Straits of Mackinac 24/7 from a state-of-the-art operations center and with maritime patrols.

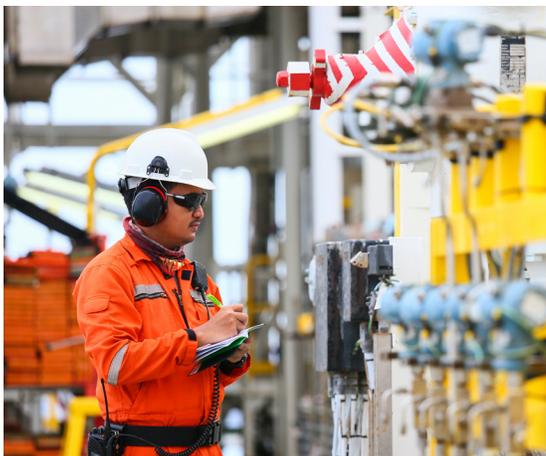


### CRITICAL VALUE TO THE UNITED STATES

- Line 5 **supplies four refineries** in the U.S., located in Michigan, Ohio and Pennsylvania, **employing American union workers and supporting the surrounding communities.**
- **These refineries supply critical downstream products: gasoline for transportation, aviation fuel and propane for households, including for heating.**
- Alternative supplies of energy can be much more difficult — sometimes even impossible — to source.

### CONSEQUENCES OF A LINE 5 SHUTDOWN

- Shutting down Line 5 would risk energy security and economic productivity, **threaten more than 33,000 U.S. jobs**, jeopardize **US\$20 billion economic activity**, and **disrupt the delivery of essential energy.**<sup>1</sup>
- There is no short-term alternative for delivering the products that Line 5 supplies to Michigan and the region. As the region transitions to a decarbonized economy, significant demand for fossil fuels will remain for many years.
- Without Line 5, it would require 2,100 tanker trucks or 800 rail tanker cars daily to carry the displaced volume. This would have a much larger environmental impact compared to the pipeline.



### A SOLUTION VIA THE GREAT LAKES TUNNEL PROJECT

- Enbridge is building a state-of-the-art utility tunnel to house Line 5 deep under the Straits of Mackinac, and the existing Line will be decommissioned.
- This is the essence of “building back better.” **The proposed tunnel is the latest in a series of measures taken to continue operating safely.**
- Approximately US\$100 million has already been invested in this huge infrastructure project, and hundreds of millions more will be invested in the construction.
- This project will use American union labor, include broadband internet for the Upper Peninsula, and have room for other utilities.

<sup>1</sup> [consumerenergyalliance.org/cms/wp-content/uploads/2021/05/CEA\\_LINES\\_REPORT\\_2021\\_DIGITAL\\_FINAL.pdf](https://consumerenergyalliance.org/cms/wp-content/uploads/2021/05/CEA_LINES_REPORT_2021_DIGITAL_FINAL.pdf)