

**ATCO** Energy Systems

# Yellowhead Mainline

Life in the Heartland

October 9, 2024



# Driving Substantial Growth in Alberta

Yellowhead Mainline is a significant natural gas infrastructure build comprised of **200 to 230 km of 36”** high-pressure natural gas pipeline and related facilities.

Yellowhead Mainline demonstrates commitment to enabling Alberta’s investing in customers’ needs for safe, reliable, cost-effective energy delivery.

## Yellowhead Mainline

**Up to 1,220 TJ/d or 1.1 Bcf/d\***

new delivery capacity



**\$2.8B**

initial estimate



**2,000+**

jobs during construction



**Yellowhead Mainline is critical to enable customer investment such as:**



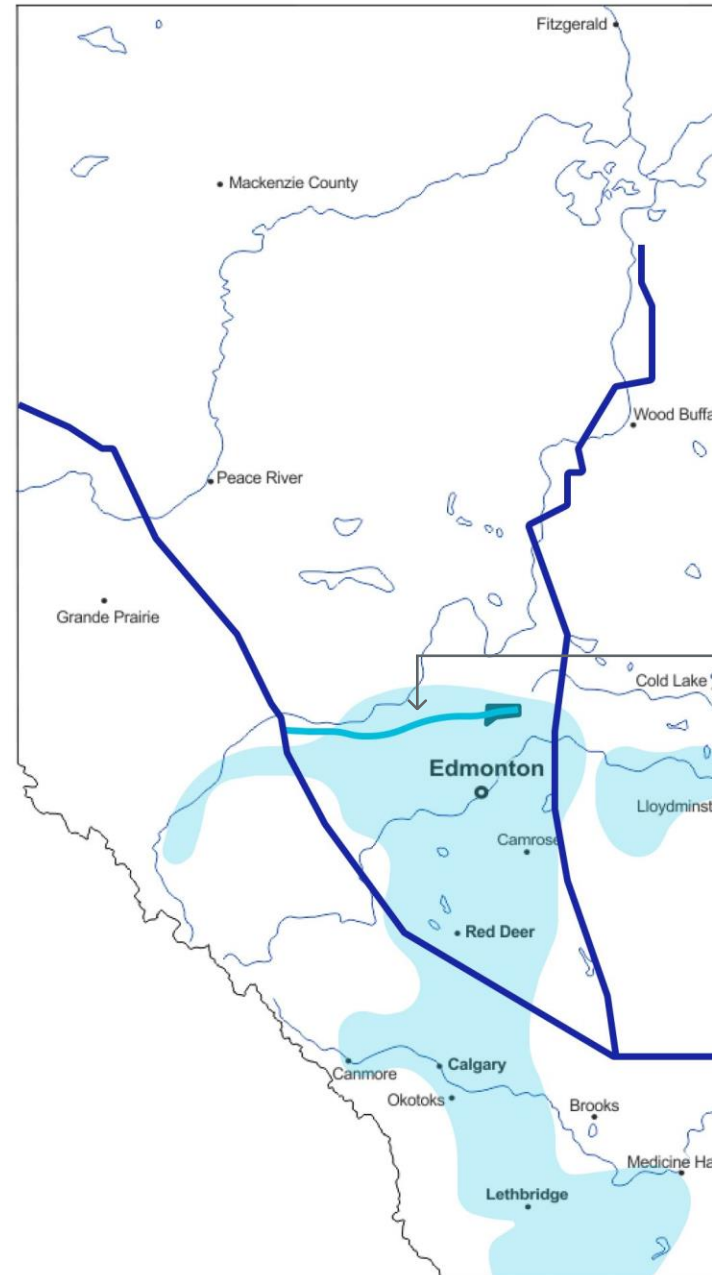
# An Integrated System

## Purpose

- Connect new aggregate supply to a growing demand market
- Sized to system forecast out to 2030

## New Flow Path

- Provides a new and more direct flow path into the Edmonton/Heartland region
- Frees up system capacity elsewhere



## YELLOWHEAD MAINLINE

>200 km 36"  
pipeline

Up to 1.1 Bcf/day  
peak delivery

- AB Industrial Heartland
- ATCO Pipelines Footprint
- Proposed Yellowhead Mainline
- NGTL System

# Project Overview



## Scope

- ▶ 200-230 km of NPS 36 high-pressure natural gas pipeline
- ▶ 18 MW (24,000 HP) of compression
- ▶ Two control stations

## Community

- ▶ Up to 500 landowners, depending on final route
- ▶ 14 Indigenous communities identified for Legislated Consultation through the Alberta Alberta Consultation Office (ACO) (ACO)
- ▶ Early Engagement with 9 Municipalities

## Cost

- ▶ Current estimate of \$2.8 B
- ▶ Minimal to no cost impact on a typical residential bill

## Timeline

- ▶ May 2023: Project scoping began
- ▶ Sep 2024: Initial AUC Need Application
- ▶ Fall 2025: AUC Facilities Application
- ▶ Fall 2026: Construction begins
- ▶ Q4 2027: Target in-service date

# Community Engagement

## Planned through fall 2024:



Extensive consultation with landowners and communities on communities on **all identified routes**.



Up to 550 km  
of route concepts



Up to 1,300  
landowners

The early engagement process will feed into the selection of **selection of the baseline route**

Combined with other factors (cost, environmental impact, technical technical considerations).

Expected resultant route:

**500**

landowners



# Indigenous Engagement

- ✓ ATCO is committed to Indigenous Communities and investing in procurement and long-standing partnerships
- Development and utilization of Indigenous owned and affiliated businesses.



## ↘ ATCO's Indigenous Relations Strategy in Action

Together, We Embrace Four Strategic Pillars:

### EMPLOYMENT

Focusing on providing opportunities for employment for Indigenous Peoples.

### EDUCATION & TRAINING

Providing internal and external training to employees.

### MEANINGFUL ENGAGEMENT

Tailoring engagement to each Indigenous Community and what is important to them.

### ECONOMIC PARTICIPATION

Exploring partnerships and opportunities with Indigenous Communities.



### We Commit to:

Working to understand and meet the needs and interests of the communities we serve through transparent engagement and early consultation.

# Next Steps

- Continued Early Engagement
- Complete Field Studies
- Final Routing Selection
- Land Acquisition and Public Consultation
- Facilities Application Submission



# Economic Benefit

- ✓ ATCO's commitment to growth within Alberta and investing in customer needs for safe, reliable, cost-effective energy delivery
- ✓ Government goal alignment including responsible and equitable energy transition



## Alberta's Natural Gas Vision and Strategy in Action

### ATCO YELLOWHEAD MAINLINE

**\$2.8 B**

capital investment

**2,000**

jobs during construction

**\$75M+**

local community impact (LOA, consumables, fuel, etc.)



### DOW PATH2ZERO

**\$9 B**

capital investment

**7,000**

jobs during construction

**500**

full-time jobs

### ADDITIONAL DOWNSTREAM ENERGY DEMAND INVESTMENT (2023-2030)

**\$9-22 B**

capital investment

**12,000**

jobs during construction

**23,700**

full-time jobs

### GROSS VALUE ADDED TO THE ALBERTA ECONOMY (ANNUAL)

**\$1.6 B**

during construction

**\$3.9 B**

once operational



The logo for ATCO Energy Systems, featuring the word "ATCO" in a bold, white, sans-serif font with a blue underline, followed by "Energy Systems" in a smaller, white, sans-serif font.

**ATCO** Energy Systems

Thank you

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