

# **Bridge to the Energy Future**



Enbridge Inc.

(TSX: ENB; NYSE: ENB)

Investment Community Update

August 2021



# Legal Notice

## Forward-Looking Information

This presentation includes certain forward-looking statements and information (FLI) to provide potential investors and shareholders of Enbridge Inc. (Enbridge or the Company) with information about Enbridge and its subsidiaries and affiliates, including management's assessment of their future plans and operations, which FLI may not be appropriate for other purposes. FLI is typically identified by words such as "anticipate", "expect", "project", "estimate", "forecast", "plan", "intend", "target", "believe", "likely" and similar words suggesting future outcomes or statements regarding an outlook. All statements other than statements of historical fact may be FLI. In particular, this presentation contains FLI pertaining to, but not limited to, information with respect to the following: strategic priorities, guidance and outlook; energy transition, including the drivers and pace thereof; environmental, social and governance (ESG) goals and targets; emissions reductions and the pathways to such reductions; the expected supply of, demand for, exports of and prices of crude oil, natural gas, natural gas iquids, liquified natural gas and renewable energy; anticipated utilization of our existing assets, including expected Mainline throughput; expected EBITDA and adjusted EBITDA; expected DCF and DCF/share; expected dividend growth; expected future debt to EBITDA; financial strength and flexibility; expectations on sources and uses of funds and sufficiency of financial resources; capital allocation framework and priorities; expected performance and outlook of the Liquids Pipelines, Gas Transmission and Midstream, Gas Distribution and Storage, Renewable Power Generation and Energy Services businesses; secured growth projects and future growth, optimization and integrity programs; toll and rate case proceedings, including Mainline Contracting; and project execution, including capital costs, expected construction and in service dates and regulatory approvals, and the benefits thereof, including with respect to the Line 3 Re

Although we believe that the FLI is reasonable based on the information available today and processes used to prepare it, such statements are not guarantees of future performance and you are cautioned against placing undue reliance on FLI. By its nature, FLI involves a variety of assumptions, which are based upon factors that may be difficult to predict and that may involve known and unknown risks and uncertainties and other factors which may cause actual results, levels of activity and achievements to differ materially from those expressed or implied by the FLI, including, but not limited to, the following: energy transition, including the drivers and pace thereof; the COVID-19 pandemic and the duration and impact thereof; the expected supply of, demand for and export of crude oil, natural gas, natural gas liquids, liquified natural gas and renewable energy; prices of energy, including the current volatility of such prices; anticipated utilization of our existing assets; exchange rates; inflation; interest rates; availability and price of labor and construction materials; operational reliability and performance; customer and regulatory approvals; maintenance of support and regulatory approvals for projects; anticipated in-service dates; weather; the realization of anticipated benefits and synergies of transactions; governmental legislation; litigation; changes in regulations applicable to our businesses; political decisions; impact of capital project execution on the Company's future cash flows; credit ratings; capital project funding; hedging program; expected EBITDA and adjusted EBITDA; expected future cash flows and expected future DCF and DCF per share; estimated future dividends; financial strength and flexibility; debt and equity market conditions, including the ability to access capital markets on favorable terms or at all; cost of debt and equity capital; economic and competitive conditions; and changes in tax laws and tax rates. We caution that the foregoing list of factors is not exhaustive. Addition

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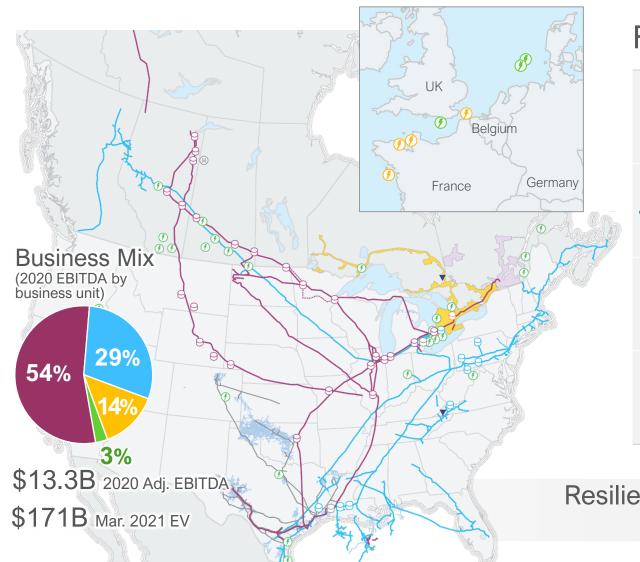
### Non-GAAP Measures

This presentation makes reference to non-GAAP measures, including adjusted earnings before interest, income taxes, depreciation and amortization (adjusted EBITDA), adjusted earnings/(loss), adjusted earnings/(loss) per share, distributable cash flow (DCF) and DCF per share. Management believes the presentation of these measures gives useful information to investors and shareholders as they provide increased transparency and insight into the performance of Enbridge. Adjusted EBITDA adjusted for unusual, non-recurring or non-operating factors on both a consolidated and segmented basis. Management uses adjusted EBITDA to set targets and to assess the performance of the Company. Adjusted earnings represent earnings attributable to common shareholders adjusted for unusual, non-recurring or non-operating factors included in adjusted EBITDA, as well as adjustments for unusual, non-recurring or non-operating factors in respect of depreciation and amortization expense, interest expense, income taxes, noncontrolling interests and redeemable noncontrolling interests and redeemable as cash flow provided by operating sactivities before changes in operating assets and liabilities (including changes in environmental liabilities) less distributions to non- controlling interests and redeemable non-controlling interests, preference share dividends and maintenance capital expenditures, and further adjusted for unusual, non-recurring or non-operating factors. Management also uses DCF to assess the performance and to set its dividend payout target. Reconciliations of forward-looking non-GAAP financial measures to comparable GAAP measures are not available due to the challenges and impracticability with estimating some of the items, particularly with estimates for certain contingent liabilities, and estimating non-cash unrealized derivative fair value losses and gains and ineffectiveness on hedges which are subject to market variability and therefore a reconciliation is not available without unreasonable effort.

These measures are not measures that have a standardized meaning prescribed by generally accepted accounting principles in the United States of America (U.S. GAAP) and may not be comparable with similar measures presented by other issuers. A reconciliation of non-GAAP measures to the most directly comparable GAAP measures is available on Enbridge's website. Additional information on non GAAP measures may be found in Enbridge's earnings news releases on Enbridge's website and on EDGAR at www.sec.govand SEDAR at www.sedar.comunder Enbridge's profile.



# Enbridge – The Bridge to the Energy Future



## Four Blue Chip Franchises

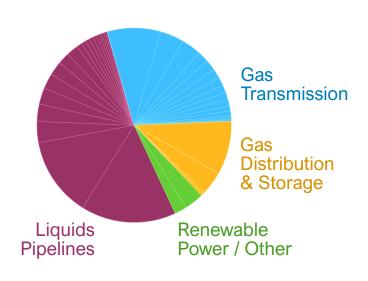
Liquids	25%	of N. America's crude oil transported • #1 by miles of pipe
<b>Gas</b> <b>Transmission</b>	20%	of natural gas consumed in the U.S  • #2 by miles of pipe
Gas Distribution	~1 tcf	of natural gas delivered annually • #1 by volume
Power	<b>3.6</b> GW <sup>1</sup>	of contracted renewable energy • 12th by GW

Resiliency driven by markets, commercial constructs and positioning for the future



## Resilient Business Model

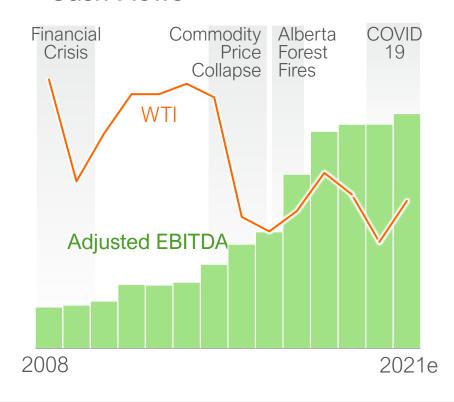
## 40+ Diversified Sources of Cash Flow



# Industry-leading Financial Risk Profile



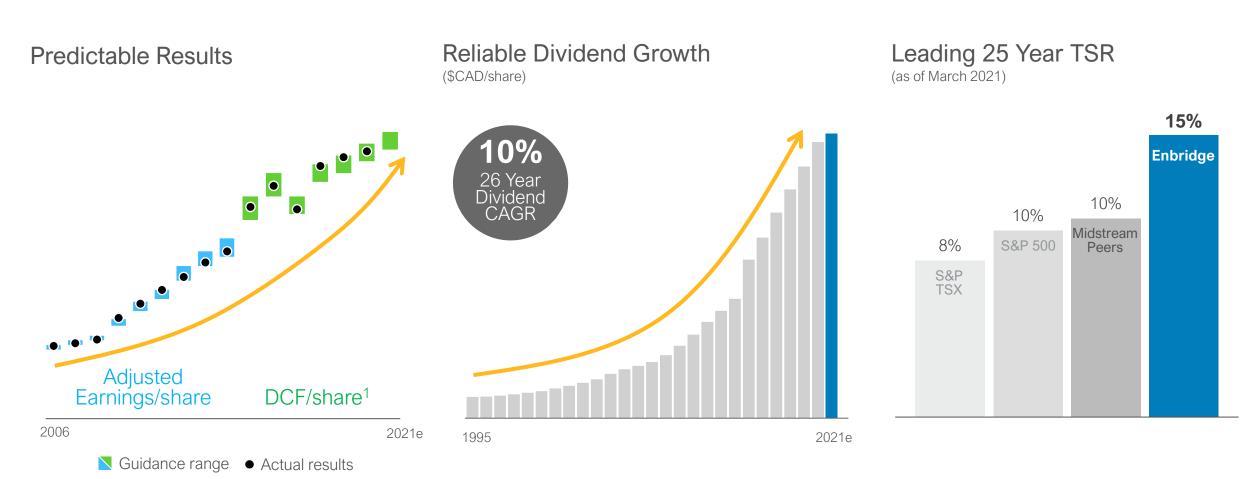
# Predictable & Growing Cash Flows



Our diversified pipeline-utility model drives predictable results in all market cycles



# Long-term Value Creation



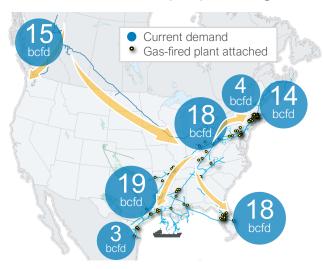
Our low-risk pipeline and utility business model generates superior returns for shareholders.



# Longevity of Cash Flows

## Gas Transmission

Serves >170MM people in regional markets



- Last mile connectivity, Mkt Diversity
- Competitive tariffs / Scale
- Large export market
- Contracted, regulated COS¹

## Gas Distribution

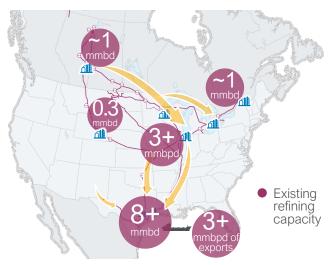
Serves >14MM people in utility franchise



- Direct connection to end-use
- Significant fuel cost advantage
- Integrated distribution and storage
- Regulated, COS¹ utility

## Liquids Pipelines

Serves >12MMBPD of refining capacity



- Strong demand for Canadian heavy
- Competitive toll & largest scale network
- Globally competitive refinery customers
- Contracted/regulatory backstop

Utility-like businesses, strategically located, with unparalleled commercial underpinnings

(1) Cost of Service.



## Renewable Power Business

20+ Utility
Scale Facilities



Samples	Operating Capacity <sup>1</sup> (MW)	Equivalent homes served ('000s)
Hohe See & Albatros	609	700
Rampion	400	315
Fécamp	500	405
Saint Nazaire	480	400
Sarnia Solar	80	15
Chapman Ranch	250	64

## **Business Model**



Long term PPAs



Strong returns



Minimize risk



Good partners



Capital efficiency

## Capabilities<sup>2</sup>



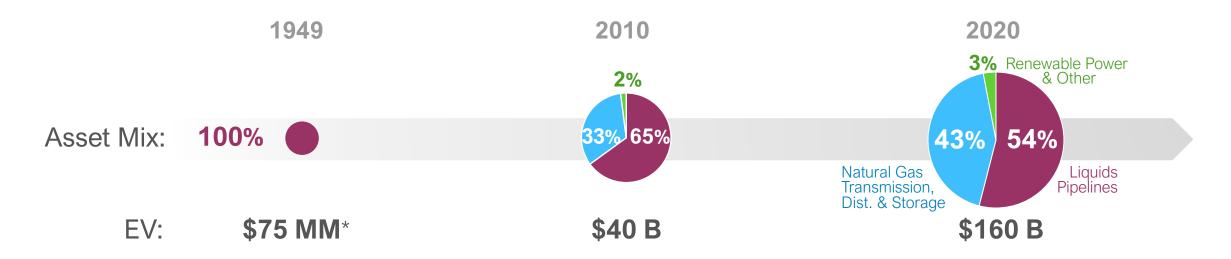
Markets

- Operational
- Development
- Construction
- Commercial
- Supply chain

One of North America's leading renewable operators and developers



# Disciplined, Gradual Approach to Transition



## **Approach to Transition**







Build skills and capabilities

## Transitioning the Business

1996: Acquired Consumers' Gas utility

**2002:** First onshore wind farm

**2009:** First solar farm

**2011:** First RNG project

**2016:** First offshore wind farm

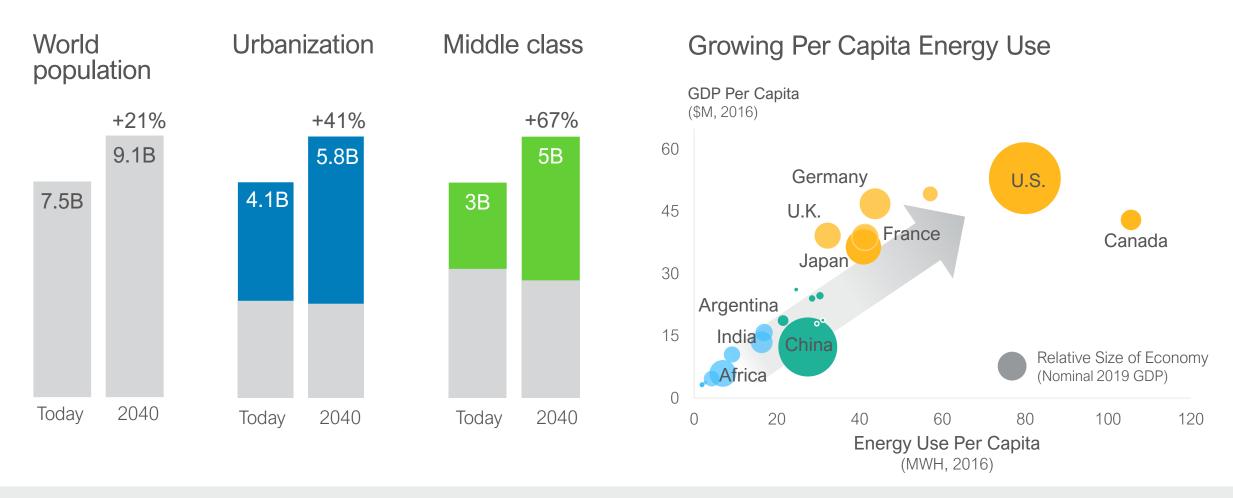
**2017:** Acquired Spectra Energy

**2018:** First Hydrogen Power2Gas project

\* Cost of ENB Mainline system.



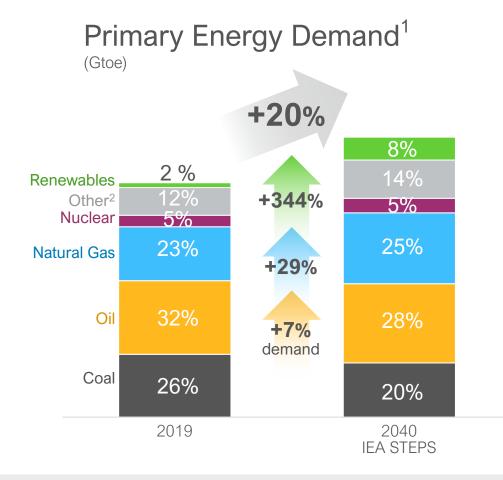
# Global Energy Consumption Will Increase



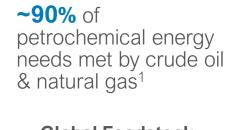
Affordable, reliable and secure energy supply essential to global economic prosperity

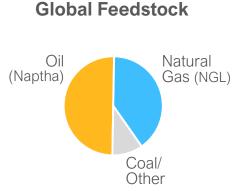


# All Energy Sources Needed

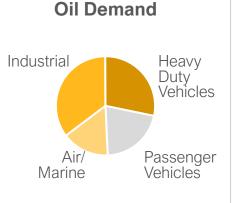


## Society Depends on Affordable & Reliable Energy

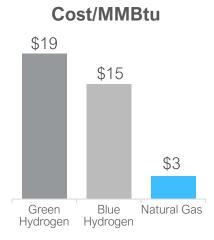








Hydrogen will take time to be cost competitive<sup>3</sup>

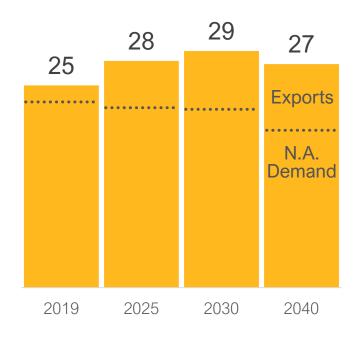


All sources of energy will be needed to cost effectively and reliably meet increasing global demand

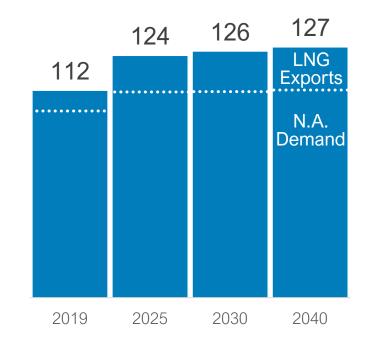


## N. America Positioned to Meet Demand

# Liquids supply<sup>1</sup>



# Natural gas outlook<sup>1</sup>



## N. American Energy Advantage

- Abundant, reliable crude oil and natural gas resources
- Most globally competitive refineries and petrochemical facilities
- Integrated continental pipeline network
- World-class skills and technology

N. American competitive advantage will drive new energy infrastructure opportunities



# Industry Leading ESG Performance







## Governance

### What we've accomplished:

- Set and met GHG reductions targets<sup>1</sup>
- Industry-leading liquids pipeline safety performance
- Reduced emissions equivalent to ~12.2M cars since 1995<sup>2</sup>
- \$1B of Indigenous spend over last decade
- 31% of jobs are held by women
- 19% of jobs held by ethnic & racial groups

- 4 Board committee chairs are women
- 91% of Board is independent<sup>4</sup>, including Chair
- Two decades of sustainability reporting

### New goals:

- Net zero emissions by 2050<sup>3</sup>
- Reduce emissions intensity by 35% by 2030
- Achieve newD&I goals by 2025
- Enhance supplier diversity
- 40% women and 20% ethnic and racial groups on Board by 2025
- ESG performance tied to incentive compensation

## **ESG Ratings / Rankings**

MSCI ESG	A rating (Reaffirmed May 2021)
Sustainalytics	Top 2% of industry group (Reaffirmed July 2021)
ISS E&S QualityScore	Lowest risk, top decile (Reaffirmed July 2021)
S&P Global Ratings	Top among N.A. midstream peers
National Bank	1st among Canadian midstream
State Street Global Advisors	Top-decile R-factor for sector
Wells Fargo Securities	Top among N.A. midstream peers

More than two decades of sector leading ESG performance, disclosure and innovation



# Pathways to Achieving Emissions Goals

## Modernization & Innovation



- Modernize equipment across the footprint
- Technology and innovation

## Decarbonizing The Grid



 Utilizing lower carbon fuel sources to operate systems

## Self-Power With Renewables



 Solar self-powering of electric pump and compressor stations

### Emissions Offsets



- Planting trees
- Soil carbon sequestration
- Carbon capture
- Renewable energy credits

Pathways to emissions reduction are already part of our business



# Positioned For Low-Carbon Opportunities

### Renewable Natural Gas



- Technology and business model well-advanced
- Operating three projects in Ontario; several in construction/development
- Partnership with Walker Industries and Comcor Environmental

### Hydrogen Power-to-Gas



## Blending Hydrogen



## Capitalizing on future of hydrogen through gas distribution and transmission businesses

- Operating first N.A. utilityscale power-to-gas facility
- Partnered with Hydrogenics (Cummins)
- Pilot project to blend hydrogen into gas distribution system
- Potential for blending into gas transmission systems

# Carbon Capture & Storage



- Leverage liquids and natural gas pipeline and storage capabilities
- Evaluating potential opportunities
- Government Support improving

Developing low-cost options to position for long-term growth and lower carbon economy



# Enbridge Growth Buckets

Primary Emphasis Through 2023

- 1 Enhance Returns from Existing Business
- Zero-capital capacity and throughput optimization
- Embedded revenue escalators
- Cost and productivity enhancements
- Apply new technology

2 Execute Secured Capital Program

Complete \$11B of existing secured growth capital

- Diversified across businesses
- Strong commercial models

Execute \$6B of incremental utility capital and Gas Transmission modernization spend

2023+

Further Organic Opportunities

Enhance returns from existing business

Priority: Low-intensity & utility capital

- Low capital intensity optimizations
- Utility rate base additions
- Asset modernization

### Further organic growth

- Expansions
- Extensions
- New build

Disciplined approach to capital

allocation

Maximizing value by enhancing existing asset returns, completing secured projects and prioritizing low-intensity, utility growth



# Strengthening Our Base Business

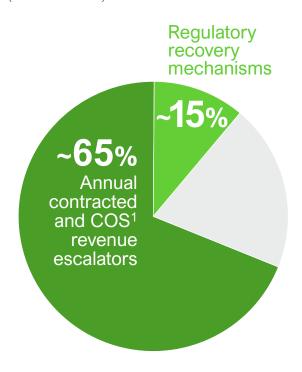
## Regulatory Updates



## **Productivity Improvements**



## Built-in Revenue Escalators (% of EBITDA)



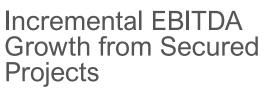
Advancing regulatory strategy and improving productivity

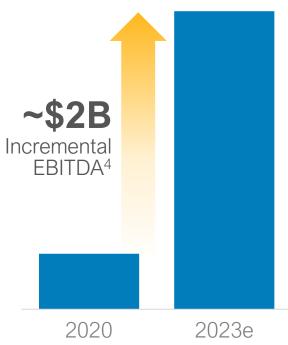
(1) Cost-of-service



# \$17B Secured Program Through 2023

	Project	Expected ISD	Spent to Date <sup>1</sup> (\$B)	Capital (\$B)
Lieuviele	Line 3R – U.S. Portion	2021	3.1 USD	4.0 USD
Liquids Pipelines	Southern Access Expansion	2021	0.5 USD	0.5 USD
Проштоо	Other Expansions	2021	0.1 USD	0.1 USD
	Modernization Program	2021-2023	0.4 USD	2.1 USD
Gas Transmission	T-South Expansion	2021	0.8 CAD	1.0 CAD
Oas Iransinission	Spruce Ridge	2021	0.3 CAD	0.5 CAD
	Other Expansions	2021-2023	0.4 USD	0.8 USD
Gas Distribution & Storage	Utility Growth Capital	2021-2023	0.3 CAD	3.2 CAD
	East-West Tie-Line	2022	0.1 CAD	0.2 CAD
Renewable Power	Solar Self-Powering (Liquids)	2022	-	0.1 USD
	Saint-Nazaire Offshore <sup>2</sup>	2022	0.4 CAD	0.9 CAD
	Fécamp Offshore <sup>2</sup>	2023	0.2 CAD	0.7 CAD
	Calvados Offshore <sup>2</sup>	2024	-	0.9 CAD





## **Total 2021-2023 Secured Capital Program**

Capital Spent to Date

\$ ~8B

\$17B<sup>3</sup>

Diversified capital program generates highly visible cash flow growth through 2023; \$10 billion to be placed into service in 2021

# Construction on Secured Capital Program

### **Gas Transmission**

- \$3B planned for 2021 in-service
- T-South & Spruce Ridge expansions
- Annual modernization program

# \$5B in execution through 2023



## **Liquids Pipelines**

- 160 kbpd Woodland Pipeline expansion placed into service in
- Line 3 Replacement project on track for Q4 in-service

## **Gas Distribution & Storage**

- Growth capital deployment on track
- Target 45k customer adds in 2021
- No major delays due to COVID-19





### **Renewable Power**

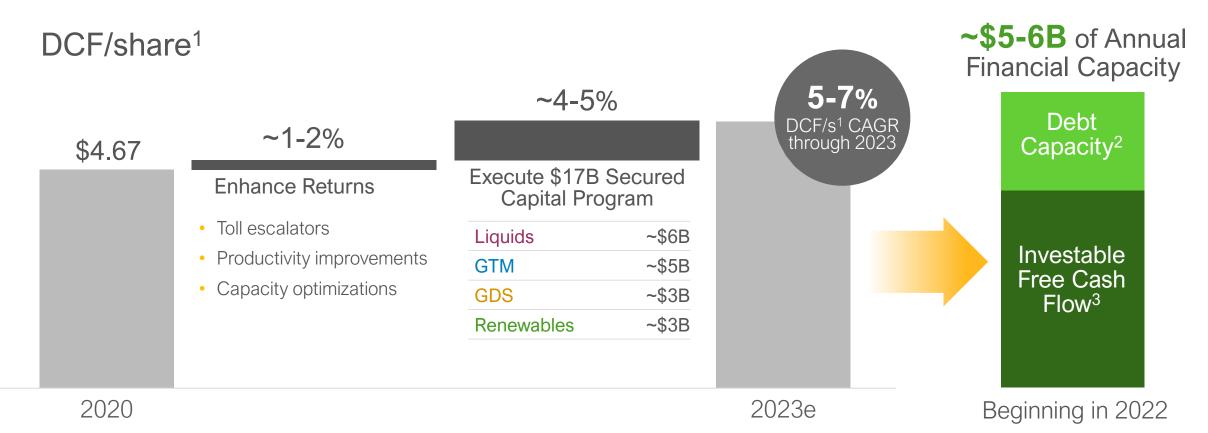
- First St.-Nazaire foundation install in Q2
- Installation of base slabs at Fécamp
- On schedule for 2022-2023 ISDs.

Construction execution progressing well across the business



## 3 Year Cash Flow Growth Outlook

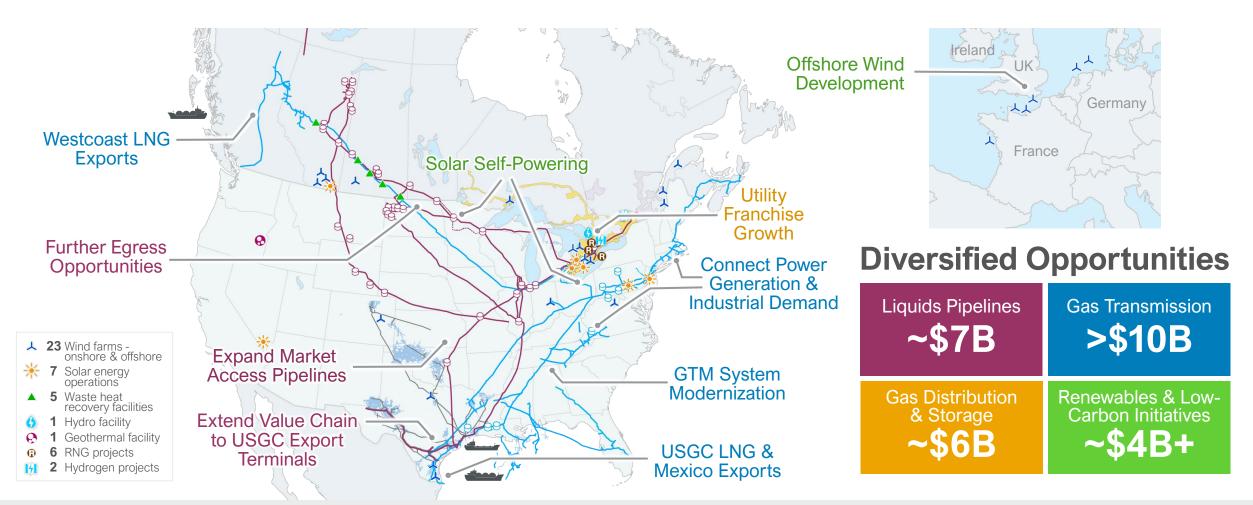
2021-2023



Our robust execution in 2021 is a catalyst for our 3-year financial outlook



# Post-2023 Organic Opportunity Set



Large organic growth potential, diversified across all four business platforms



# **Enabling the Energy Transition**

### Traditional Core Growth L

#### **Low-Carbon Growth**

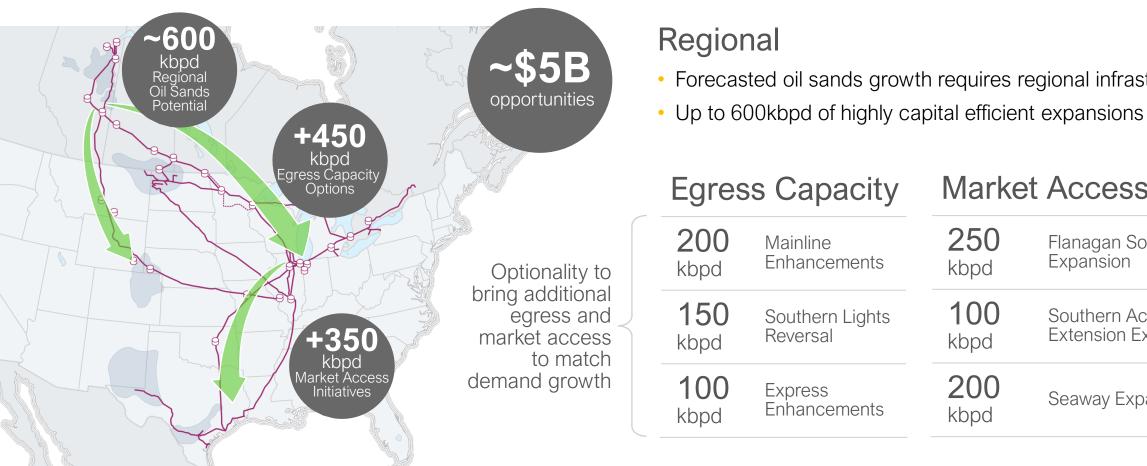
	Optimize / Expand	Exports	Modernize Assets	Solar/ Wind	RNG	H <sub>2</sub>	ccus
Liquids Pipelines				<b>1</b>			
Gas Transmission				<b>1</b>			
Gas Distribution							
Renewable Power							

Embedded traditional and low-carbon growth opportunities across our businesses

(1) Solar self-power program



# Capital Efficient Expansion



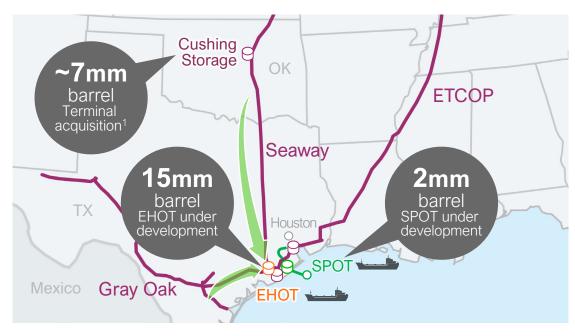
- Forecasted oil sands growth requires regional infrastructure
- Up to 600kbpd of highly capital efficient expansions

Egress Capacity		Marke	Market Access		
<b>200</b> kbpd	Mainline Enhancements	<b>250</b> kbpd	Flanagan South Expansion		
150 kbpd	Southern Lights Reversal	100 kbpd	Southern Access Extension Expansion		
100 kbpd	Express Enhancements	<b>200</b> kbpd	Seaway Expansion		

Large opportunity set to expand and extend the system in a capital efficient manner

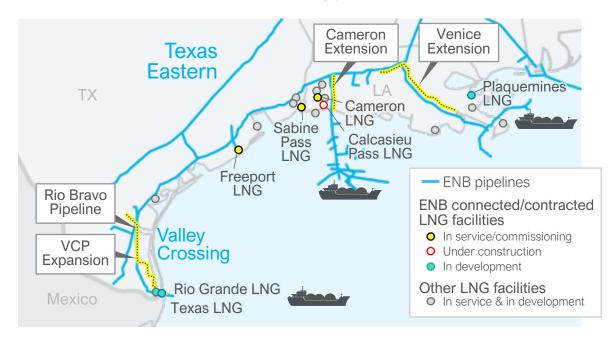
# **Export Strategy**

## **Crude Oil Export Strategy**



- EHOT<sup>2</sup>: Commercial discussions progressing
- SPOT<sup>3</sup>: Anticipate MARAD<sup>4</sup> permit in 2021
- Cushing tank acquisition supports Gulf Coast strategy

## Natural Gas Export Strategy



- Cameron Extension on schedule for 4Q'21 ISD
- Advancing commercial terms with Texas LNG
- Rio Grande LNG advancing through permitting

## Robust long-term global fundamentals driving export strategies



# System Modernization



- Replacement of aging gas transmission compressor stations & upgrading infrastructure components
- Improves system reliability & reduces emissions
  - Expected to reduce emissions by over 25% at replaced compressors
- Recovered through periodic rate proceedings
  - Texas Eastern rate case to be filed in Q3.
  - Alliance rate case approved by FERC
- ~\$1.4B of capital deployed since 2020

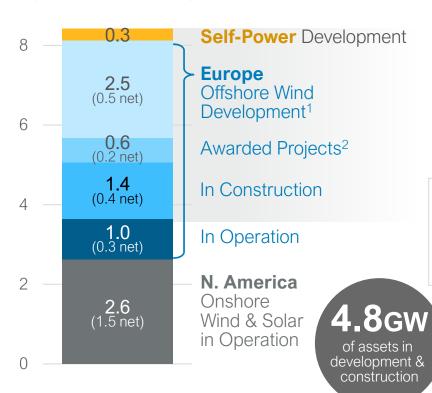
Investment in safety, reliability and the emissions intensity of critical gas transmission infrastructure



# Renewable Power Development

## Renewable Power Portfolio

(Gross GW/Net GW)



## **European Offshore Wind**



- Calvados sanctioned in Q1
- 448 MW project w/ 20-year PPA
- Advancing floating offshore wind

## Solar Self-Power Strategy



- 3 projects placed into service
- Sanctioned 4 additional projects
- ~\$0.5B in opportunities through 2023

Over 2.1 million tons of CO<sub>2</sub>e emissions reduced from our renewable investments in 2020<sup>3</sup>

# Low Carbon Development

## Hydrogen & RNG



- Power to H<sub>2</sub> in Ontario
- H<sub>2</sub> blending projects in Ontario and Quebec<sup>1</sup>
- H<sub>2</sub> blending potential for B.C. high pressure pipelines
- Partnership to pursue RNG projects across Canada



## Carbon Capture



- Increasing industry & gov't support
- Well positioned for transportation and storage solutions
- WCSB regional focus

Opportunity to capture

~22%
of Canada's annual GHGs<sup>3</sup>

Developing low carbon options, within low-risk commercial model

# Approach to Capital Allocation (2022+)

## **Priorities**

- Preserve Financial Strength
- Sustainable Dividend Growth
- Further Organic Opportunity

Deployment of \$5-6B of Annual Financial Capacity

High Priority Investments
Drive Sustainable
Long-Term Growth

\$3-4B annually

- Enhance existing returns
- Low capital intensity organic expansions & optimizations
- Regulated utility and Gas Transmission modernization

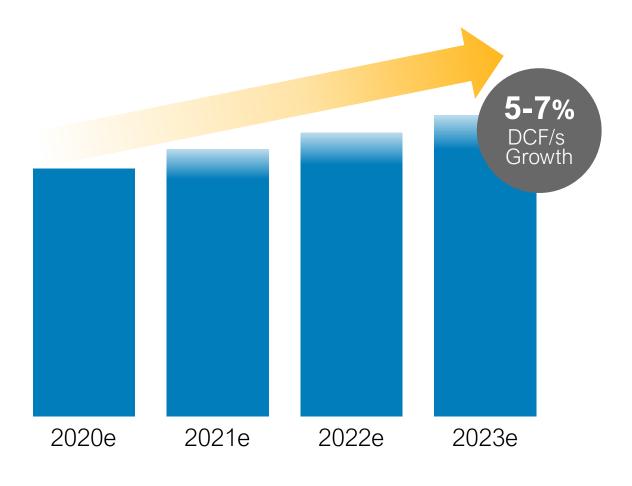
Deployment of Incremental Capacity Drives Additional Growth and Value

~\$2B annually

- Share buybacks
- Other organic growth
- Pay down debt further
- Asset M&A

~\$30B of organic growth projects in development; our disciplined investment framework supports 5-7% DCF/share growth

# Long-term Growth Outlook



### Post-2023 Cash Flow Growth Drivers:

- 1 Continue to enhance returns on existing assets 1-2% annually
- 2 Core capital allocation: high priority, low capital intensity and utility capital
- 3 Use of excess cash flow to re-invest in business (alternatives compete)

Visibility to long-term 5-7% DCF/Share growth



# Our Low-Risk Value Proposition

- Resiliency and longevity of cash flows
- Growing investable free cash flow
- Strong balance sheet
- Transparent long-term growth outlook
- Leading energy transition position



Our low-risk pipeline and utility business model generates superior returns for shareholders.

# 2021 Financial Outlook

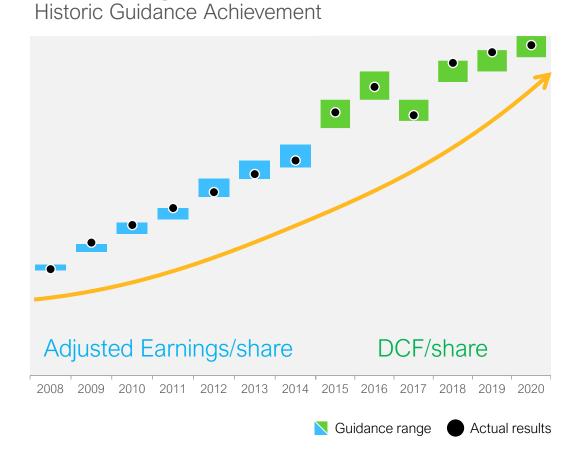




# 2020 Accomplishments

- Strong operational performance; Full-year DCF/share above guidance mid-point
- \$1.6B of capital projects placed into service
- Increased ESG goals; emissions, diversity & inclusion
- Transparent 5-7% DCF/share growth outlook
- Preserved financial strength;
  Debt/EBITDA at 4.6x

## Delivering on Our Commitments



(1) As of September 30, 2020. 31



# Financial Strength & Flexibility

	Entering 2020		Exited 2020	
Average Credit Rating	BBB+	Global	BBB+	
Available Liquidity	~\$9B	disruption from COVID-19	~\$13B	
Incremental Cost Management	_		\$300M+ cost reduction	
% of customers with Investment Grade Rating <sup>1</sup>	~93%		~95%	
% regulated, take-or-pay, CTS <sup>2</sup>	~98%		~98%	
Debt to EBITDA	4.5x		4.6x	

Despite unprecedented industry conditions, we're getting even stronger



## 2021 Financial Guidance

## Planning Parameters

### **Base Business:**

- Embedded revenue growth and cost management
- Further recovery in Mainline light volumes; heavy fully utilized
   Average of 2.8 mmbpd <sup>1</sup> (Q2: 2.62 mmbpd)
- Assume interim tolls after June 30<sup>th</sup> at CTS exit rate

## Capital Projects:

- Secured project capital only
- · Line 3 Replacement ISD planning assumption: Q4, 2021

## Funding:

- Equity self-funded with cash from operations; term debt
- Debt/EBITDA within 4.5-5.0x target range

### **EBITDA** and DCF Guidance

(\$ Millions, except per share amounts)	2021e (\$ millions)
Liquids Pipelines	~7,800
Gas Transmission & Midstream	~3,800
Gas Distribution & Storage	~1,900
Renewable Power Generation	~450
Energy Services	-
Eliminations and Other	~150
Adjusted EBITDA <sup>2</sup>	\$13,900 - \$14,300
Maintenance capital	~(900)
Financing costs	~(3,200)
Current income tax	~(500)
Distributions to Noncontrolling Interests	~(300)
Cash distributions in excess of equity earnings	~500
Other	~100
Distributable Cash Flow <sup>2</sup>	~\$9,600-\$10,000
DCF per share <sup>2</sup>	\$4.70-\$5.00

### Solid foundation for 2021 financial outlook



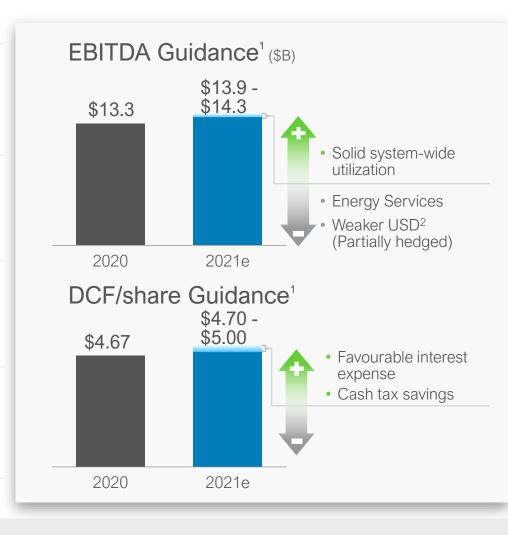
## 2021 Outlook – On Track



- Effective Covid19 management protocols
- Operating at near capacity
- Managed through disruptions (Storm Uri, Turnarounds)
- Execution
- \$10B of capital progressing on schedule for 2021 in-service
- Continue to advance productivity improvements

- ✓ Financial
- Full-year 2021 DCF/s and EBITDA guidance affirmed
- Strong financial position and liquidity
- Issued Sustainability Linked Bonds; Aligned with ESG goals

- Capital Markets
- Continued low interest rates
- Inflation in check (robust pass-through capabilities if needed)
- USD/FX rates substantially hedged



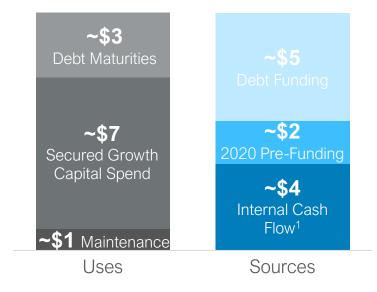
## Solid operational execution and financial capabilities



Reaffirmed

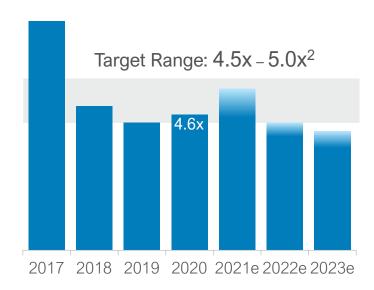
# 2021 Funding Plan

## 2021 Funding Plan



- Updates reviewed with rating agencies
- First Sustainability Linked Loan issued

# Strong Financial Position (Debt/EBITDA)



- Expect to exit 2021 within target range
- Execution drives significant EBITDA growth
- Excellent financial flexibility in 2022 and beyond

# Industry-Leading Credit Ratings<sup>3</sup>

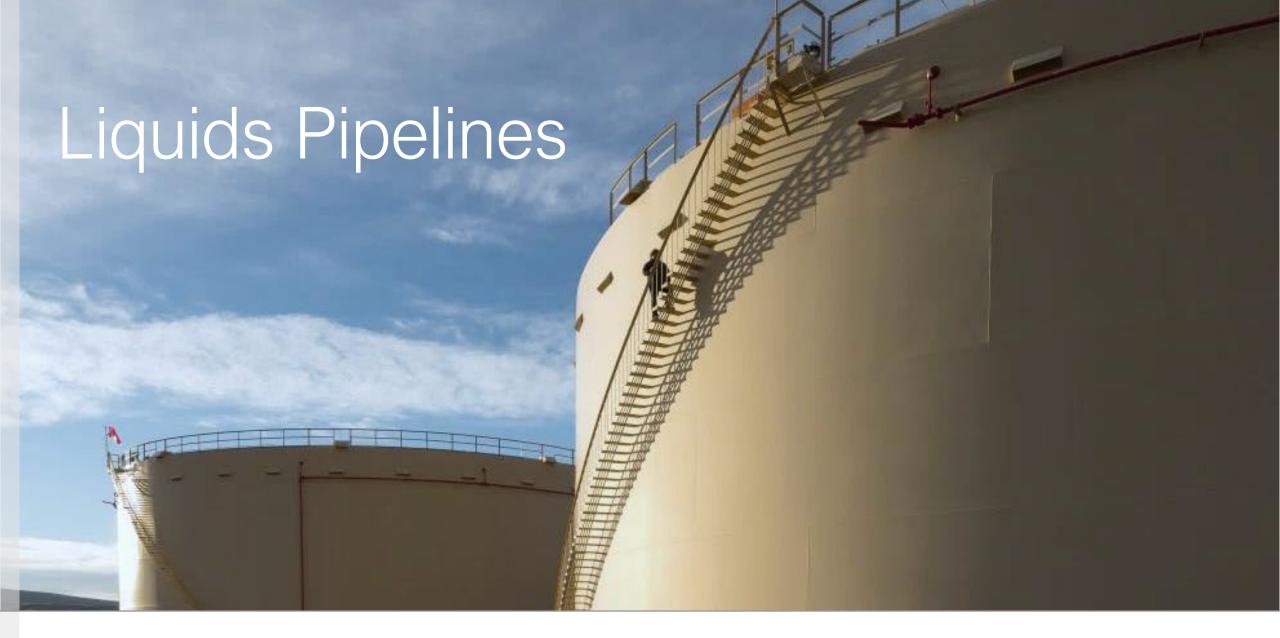
<b>Credit Ratings</b>		rating on:
<b>S&amp;P Global</b> Ratings	BBB+ stable	Dec. 2020
FitchRatings	BBB+ stable	April 2021
DBRS	BBB High stable	July 2021
Moody's	Baa1 stable	June 2021

Manageable funding plan; 2021 Debt/EBITDA metrics forecasted well-within target range

# Appendix

**Business Details** 



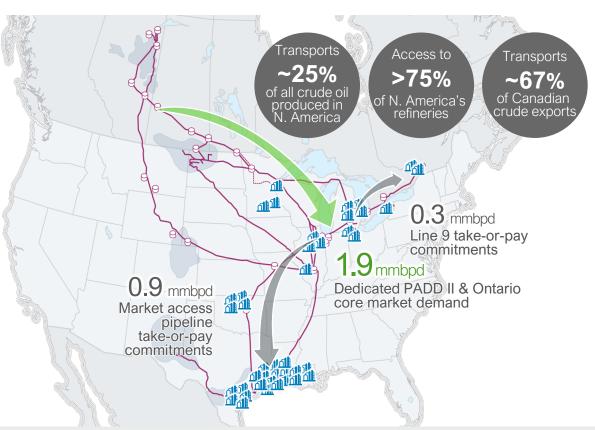






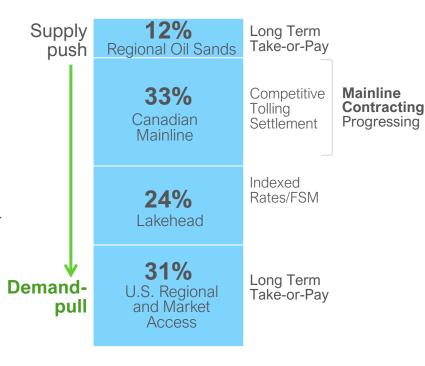
### Premier Liquids Pipeline Franchise

### 3.1 mmbpd Demand Pull from Premium Markets



- Fully integrated system essential to N. American economy
- Demand-pull by most sophisticated refinery complexes in the world
- Connected to longlived heavy supply
- Underpinned by low-risk commercial models

### Highly Predictable Cash Flow (2020 EBITDA)



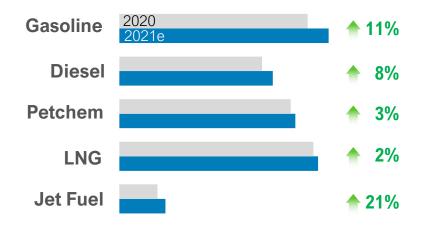
Largest and most competitively positioned crude oil system in N. America



### Crude Energy Fundamentals

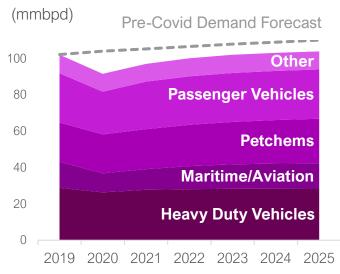
#### Global Fuel Demand<sup>1</sup>

(% of 2020 demand)



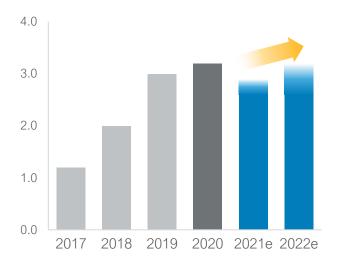
- Improving demand outlook across fuels driven by economic recovery
- N.A. refinery utilization approaching pre-pandemic levels

#### Global Crude Oil Demand<sup>1</sup>



- ~2 mmbpd of global crude demand growth² by 2025
- N.A. production well-positioned to meet growth via exports

### Annual U.S. Crude Exports<sup>3</sup> (annual average, mmbpd)



- Strong global demand-pull on USGC
- Robust long-term outlook intact

#### Fundamentals continue to improve; Strong global demand for N.A. supply



### Line 3 Replacement Update

- Critical safety and reliability investment
  - In-service: Canada, North Dakota and Wisconsin

#### Minnesota Update:

- Confirmation of MPUC¹ approvals by Minnesota Court of Appeals
- All spreads & facilities on schedule
  - Mainline construction: ~80% complete<sup>2</sup>
  - Facilities: ~85% complete<sup>2</sup>
  - Water crossings: ~40% complete<sup>2</sup>
- >US\$250MM spend with Minnesota Tribal communities
- Guidance included ~\$200MM EBITDA contribution in Q4



Utilizing world-class environmental protections and construction techniques

(1) Minnesota Public Utilities Commission (2) Completion as of July 29, 2021

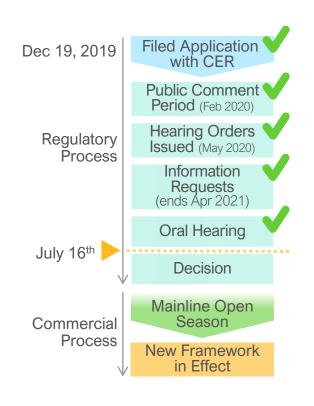


# Mainline Contracting

### Striking a Balance

Refiner / Integrated Benefit **Producer** Producer Secures Supply/Demand for WCSB production Stable and **Competitive Tolls** Flexible Contracts **Priority Access** Can Improve WCSB Netback

### **Contracting Timeline**

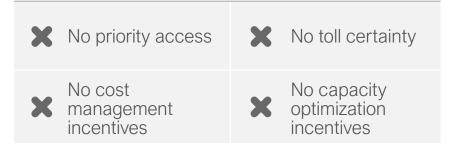


#### Cost of Service Alternative

#### Impact to Enbridge



#### Impact to Shipper

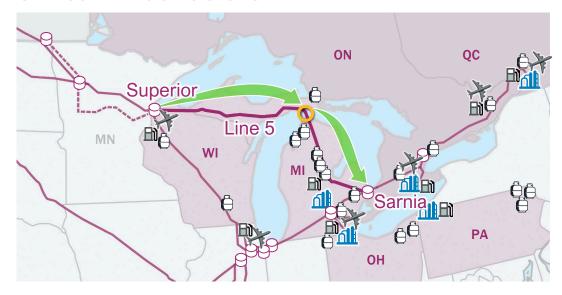


An attractive and competitive offering with greater than 75% support from current shippers



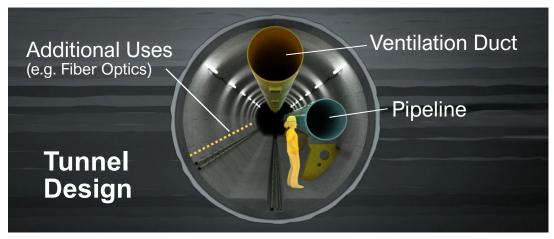
### Line 5 Update

#### Critical Infrastructure



- Delivers 540 kbpd of crude and NGLs
- Provides 45% of region's gas, diesel, jet fuel and propane
- Supplies 55% of Michigan propane demand
- Ships 80% of Michigan-produced crude

#### **Great Lakes Tunnel Project**



State Permitting:

✓ EGLE<sup>2</sup> Permits Awarded

MPSC<sup>3</sup> Approval (In Progress)

Federal Permitting:

USACE<sup>4</sup> permit (In Progress)

Contracting:

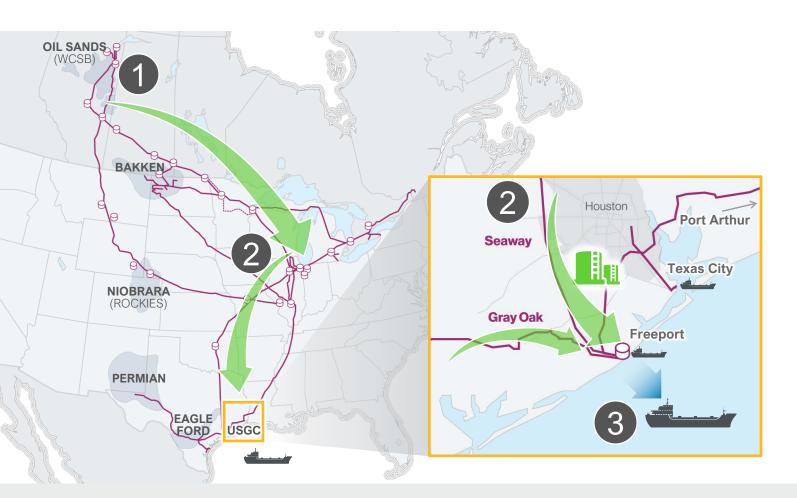
✓ Engineering & Design Phase

 Preparation for Construction Phase (Commencing)

Committed to ensuring the safe and reliable delivery of essential energy supply



### Integrated Value Chain Drives Growth



### Strategic Focus Areas

- Capture Oil Sands growth through low-cost Mainline expansions
- 2 Expand and extend our heavy advantage to meet USGC demand
- 3 Extend export market reach

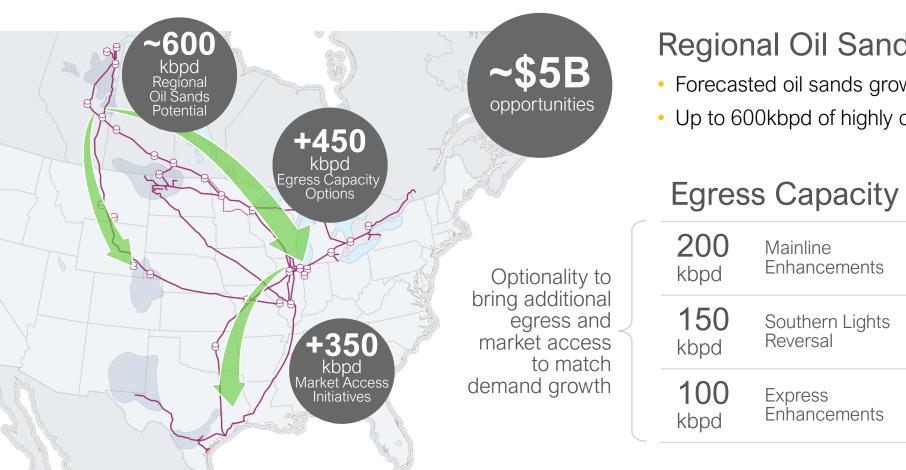
#### **Investment Criteria**

- Highly executable
- Short-pay back period
- Low capital intensity

Opportunity set to be developed under robust capital discipline framework



### Capital Efficient Expansion



### Regional Oil Sands

Forecasted oil sands growth requires regional infrastructure

Market Acces

Up to 600kbpd of highly capital efficient expansions

Egress Capacity		Market Access		
200	Mainline	<b>250</b> kbpd	Flanagan South	
kbpd	Enhancements		Expansion	
<b>150</b> kbpd	Southern Lights	100	Southern Access	
	Reversal	kbpd	Extension Expansion	
100	Express	200	Seaway Expansion	
kbpd	Enhancements	kbpd		

Large opportunity set to expand and extend the system in a capital efficient manner



### Terminal and Export Infrastructure

#### **Enbridge Houston Oil Terminal**

- Emerging and deepening market in Houston as a source for global heavy crude supply
- Need for a fully integrated heavy crude storage and blending terminal hub in Houston

#### SeaPort Oil Terminal (SPOT)

- Full loading VLCC capability fully integrated with heavy and light crude oil supply pipelines
- Most efficient and competitive means of transportation to global demand centers

#### **Seaway Connectivity**

- Leverage heavy supply growth to capture higher utilization and capacity enhancements
- Fully integrated access to Houston and export capabilities



Integrating terminal and VLCC loading assets to serve growing supply



# Carbon Capture

#### Canadian GHG Emissions<sup>1</sup>

(in megatonnes CO<sub>2</sub>e, 2019)



- Addressing Alberta emissions is central to achieving Canadian emissions goals
- Net-zero targets position Oil Sands to be global leader in decarbonization

#### Partner of Choice



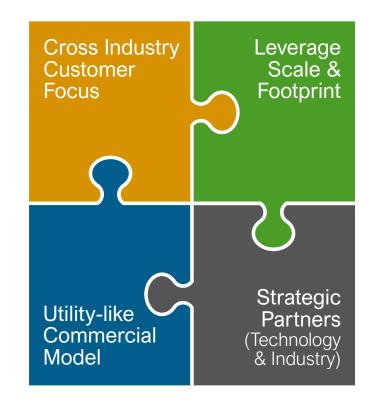


Strong customer & First Nations relationships

Financial strength & capacity

**ESG** leadership

#### **Development Strategy**



Enbridge is well positioned to support CCUS pipeline and storage requirements across North America

(1) Government of Canada national greenhouse gas emissions



### Liquids Pipelines - Summary

- N. American crude oil is critical to long-term global demand
- Our system connects to the most competitive refineries globally
- Canada's heavy affords a structural advantage to these refineries
- Capturing long-term global demand through extending our system to exports



#### Enhance Returns from Existing Business

- Continued system optimizations
- Maximize efficiencies
- Toll escalation
- Contract the Mainline



#### **Execute Secured Capital Program**

- Line 3 US
- Southern Access to 1.2 mmbpd

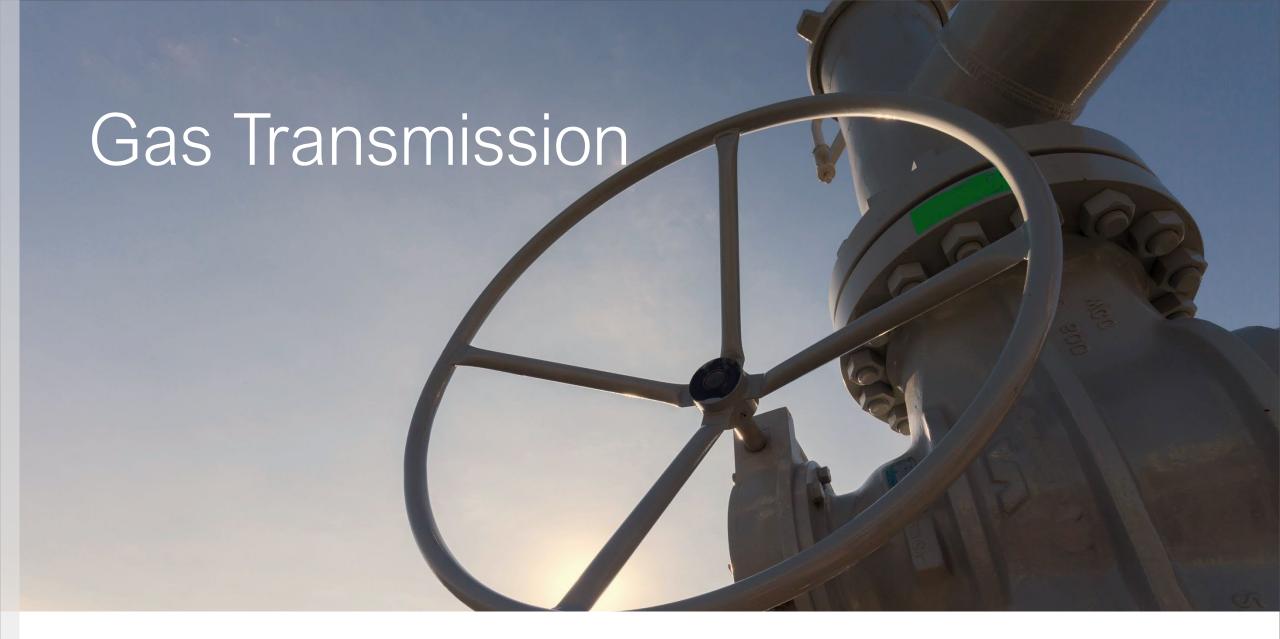
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#### **Further Organic Opportunities**

- Egress & Market Access expansions
- Houston Oil Terminal
- SPOT VLCC Loading Facility
- Regional Oil Sands infrastructure

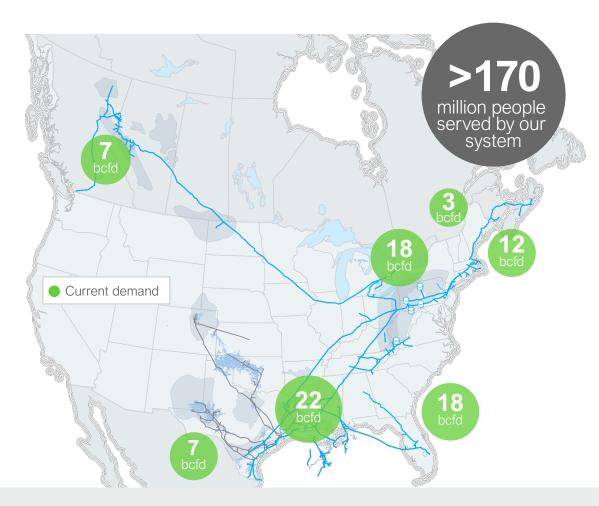
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### Unparalleled Footprint



- Well-positioned to participate in growing markets, both domestic and export
- Last mile connectivity to major urban centers
- Competitive scale and tariffs
- Demand-pull from investment grade utilities and integrated energy customers
- Serving >150 LDC customers, including:



















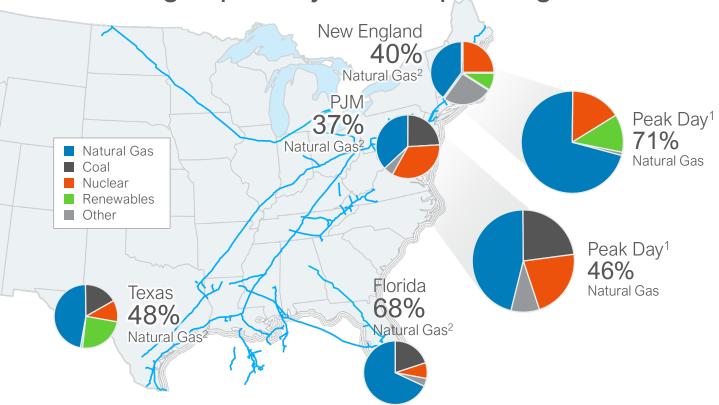
Our network provides last mile connectivity to N. America's demand and export centers

Source: WoodMackenzie, U.S. Census Bureau.

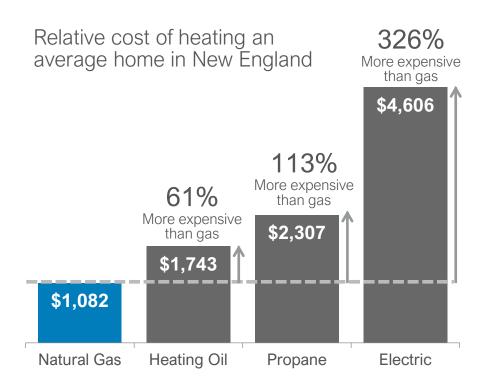


### Essential Low-Cost Energy Source

Natural gas primary fuel for power generation



### Most economic source of heating



Natural gas is a critical and sustainable source of energy for the N. American economy



### LNG Export Opportunities

#### N. American LNG Export Competitiveness

✓ Resource life

Cost to produce

✓ Geopolitical stability

Access to capital

#### **Enbridge Strategic Fit**

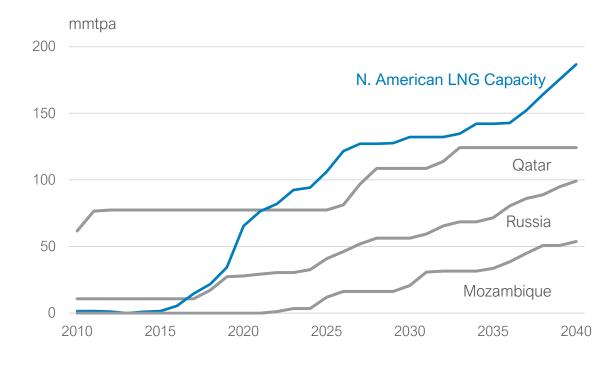
Leverages existing network Enhances system utilization

Diversifies end-use demand

Secures long-term revenue sources

✓ Facilitates globalization of natural gas

#### N. American LNG Market Share

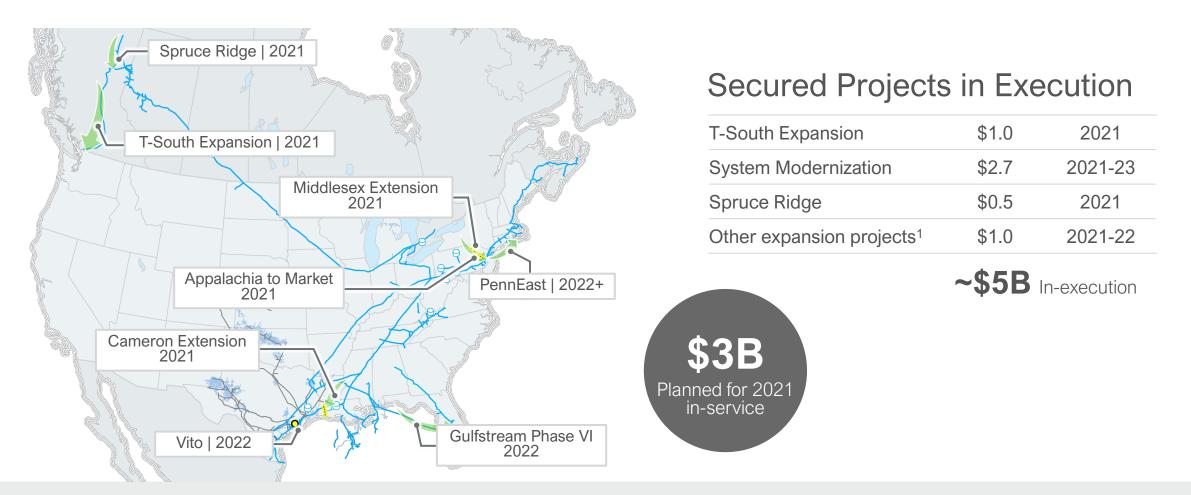


N. America achieves dominant global LNG market share

N. America competitively positioned to contribute greater LNG supply to global markets



### Executing on Secured Growth



Executing on regional expansions and reinforcements and enhancing our premier network



### System Modernization

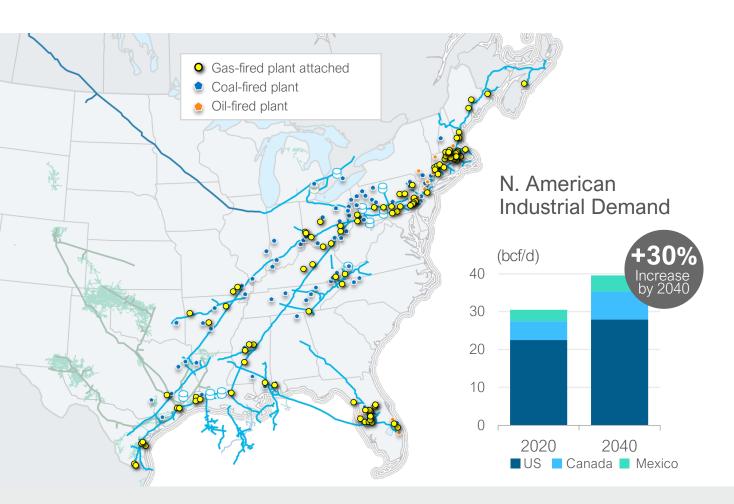


- Replacement of aging gas transmission compressor stations & upgrading infrastructure components
- Improves system reliability & reduces emissions
  - Expected to reduce emissions by over 25% at replaced compressors
- Recovered through periodic rate proceedings
  - Texas Eastern rate case to be filed in Q3
  - Alliance rate case approved by FERC
- ~\$1.4B of capital deployed since 2020

Investment in safety, reliability and the emissions intensity of critical gas transmission infrastructure



### Power and Industrial Demand



#### **Power Generation Market**

- Lower-cost and lower-emission natural gas positioned to replace aging coal facilities
- Growth in renewables requires stable base load gas-fired generation

#### Industrial Demand Growth

- Industrial usage is largest driver of N. American natural gas demand growth
- \$80 billion of investment in U.S. petrochemical infrastructure through 2030
- 2.6 bcf/d of U.S. petrochemical and 1 bcf/d of WCSB industrial gas demand growth through 2030

Strong power plant utilization will continue to drive new connections

Source: Wood Mackenzie. 54



# Ridgeline Expansion

### **Opportunity Overview**

- Tennessee Valley Authority evaluating options for retirement of and replacement of existing Kingston Fossil plant generating capacity
  - East Tennessee system would supply natural gas should the combined cycle option be selected through their review process
- Commence operations in 2026<sup>1</sup>



Reliable and affordable natural gas solution drives a significant reduction in GHG emissions

(1) Pending TVA Assessment, FERC approval and receipt of all necessary permits

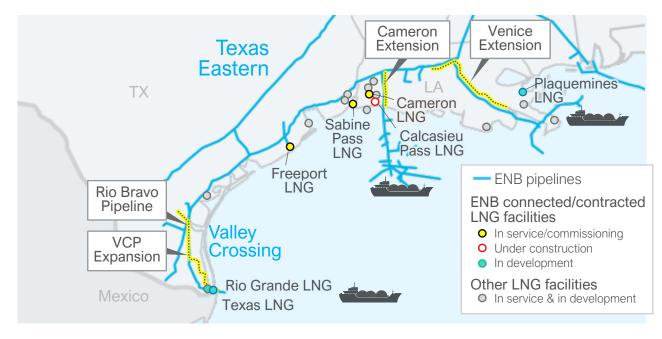


### N. American Export Opportunities



#### Western Canada

- Stable and long-lived resource basin, with competitive low break-even cost
- Freight advantage via proximity to traditional and emerging markets
- Leverages existing infrastructure



#### **USGC LNG Opportunities**

- Texas Eastern and Valley Crossing positioned along USGC for LNG export development
- Connected to 3 LNG facilities and 3 projects in development

#### Incremental Exports to Mexico

- Mexico demand increases 43% to 10 bcf/d by 2040
- Valley Crossing and Texas Eastern expansions to meet growing Mexican demand

Enbridge assets well-positioned to support N. American export growth

Source: WoodMackenzie



### Gas Transmission - Summary

- Affordable and reliable natural gas is vital to meeting N. American energy needs
- Our network provides last-mile connectivity from supply basins to key demand centers
- We're uniquely positioned to serve N. American exports to global markets
- Driving long-term demand for our network



#### **Enhance Returns from Existing Business**

- Rate strategy
- Cost management
- Technological advancements



#### **Execute Secured Capital Program**

- T-South Expansion
- System modernization
- Spruce Ridge
- PennEast
- Other expansion projects





#### Further Organic Opportunities

- USGC/W.Canada LNG
- Mexico export
- W. Canada pipeline expansions
- Power and industrial connections





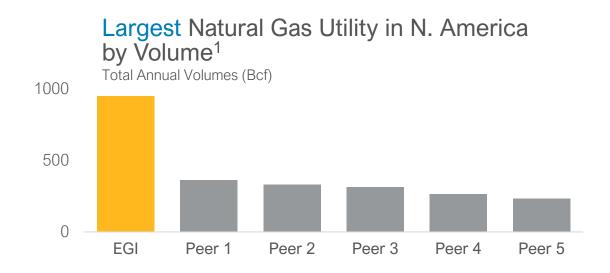


# Premier N. America Gas Utility Franchise

Critical infrastructure serving 5th largest population center in N. America







Strong utility business provides stable, predictable and growing cash flows

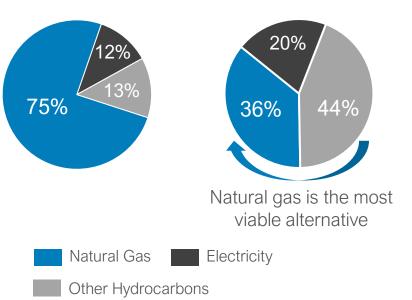


### Unassailable Natural Gas Fundamentals

#### Critical

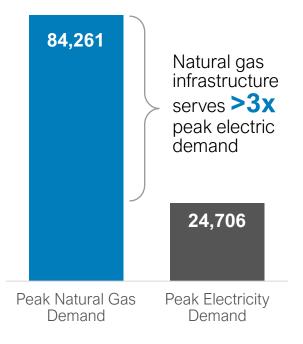
Ontario's Residential & Commercial Space Heating Load<sup>1</sup>

Ontario's Industrial Process Load<sup>1</sup>



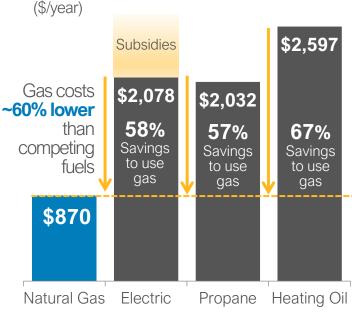
#### Reliable

Ontario Peak Energy Demand (MW)



#### Affordable

Comparable Residential Annual Heating Bills



Most cost-effective, reliable means of space heating and industrial feedstock

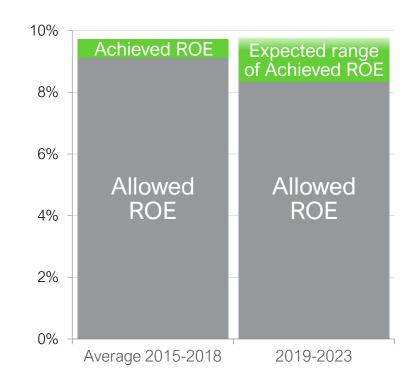
(1) Source: Natural Resources Canada.



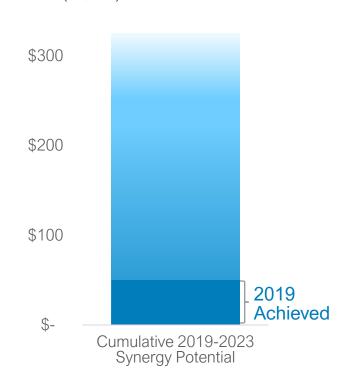
### Incentive Regulatory Framework

- 5-year term (2019-2023) with rebasing in 2024
- 2021 rate increased by 1.7%; allowed return of 8.34%
- Earn 100% on the first 150 bps above the OEB approved ROE; thereafter shared 50/50
- Rate protected funding of additional core utility projects through the incremental capital module

#### **Incentive Rate Structure**



### Synergy Capture (in \$MM)



Incentive based regulatory model ensures reliable cash flows, with upside



### Ratable Growth Through 2023+

- Customer growth and community expansion
  - ~45K new customer additions annually
  - Over 200 expansion projects
- System reinforcements
  - Execution of a long-term asset plan
  - Continued investment for safe and reliable operations
- Earn a regulated return on/of capital through base rates and ICM<sup>2</sup>
- Anticipate continuation of growth post-2024
- Advancing hydrogen blending and RNG development strategy



Projects in execution will enhance the safety and reliability of our franchise, meet consumer demand and support strong growth in near-term cash flows

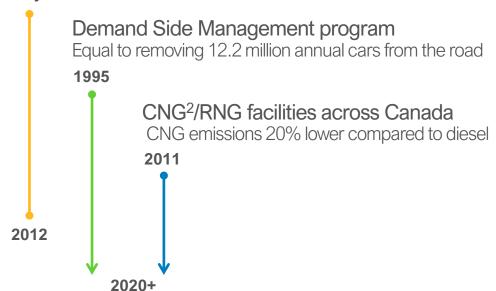


### Low Carbon Gas Technology Trends

#### Strong History of Innovation

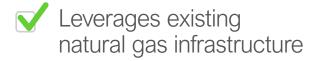
Replacement of cast iron pipes
Reduced GHG emissions 21% below 1990 levels<sup>1</sup>

#### Early 90s



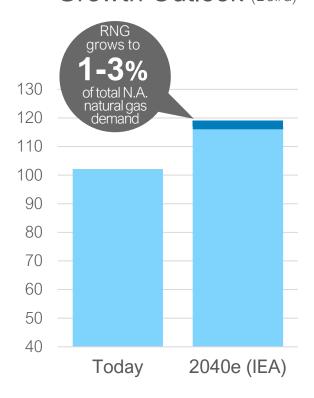
### Benefits of RNG and Hydrogen







#### N. America RNG Growth Outlook (Bcf/d)



Fundamentals for renewable natural gas (RNG) and hydrogen are improving gradually

(1) From our own operations. (2) Compressed Natural Gas.



### Our Position Today

#### Renewable Natural Gas



Description

From organic landfill waste or anaerobic digesters

**Projects** 

- 3 operational
- 3 in construction

Commercial Framework

Long-term offtake agreements with municipalities/utilities

### Compressed Natural Gas



For transport market and remote customers

• 12 – fueling stations

Regulated rate base/ long term contracts

### Behind the Meter



Technology in development including gas heat pumps, hybrid heating and mCHP<sup>1</sup>

 >40 projects in development

In-development

### Hydrogen Power to Gas & Blending



Hydrogen blending in utility gas distribution system

- 1 operational (P2G)
- 2 in development (2-5% hydrogen blending)<sup>2</sup>

Regulated rate base/long term offtake agreements

Advancing renewable natural gas and hydrogen investments gradually, with low-risk commercial models



# Strong, Ratable and Highly Economic Utility Rate Base Growth

- Reliable and cost-effective natural gas is critical to Ontario's energy supply
- Regulatory model provides incentive to exceed ROE through synergy capture driving incremental cash flows
- Early-stage growth in hydrogen, RNG, CNG and other low carbon energy advancements



#### **Enhance Returns from Existing Business**

- Amalgamation synergies
- Revenue escalators
- Productivity



#### **Execute Secured Capital Program**

- Replacements/Reinforcements
- Annual customer connections
- Community expansions





#### Further Organic Opportunities

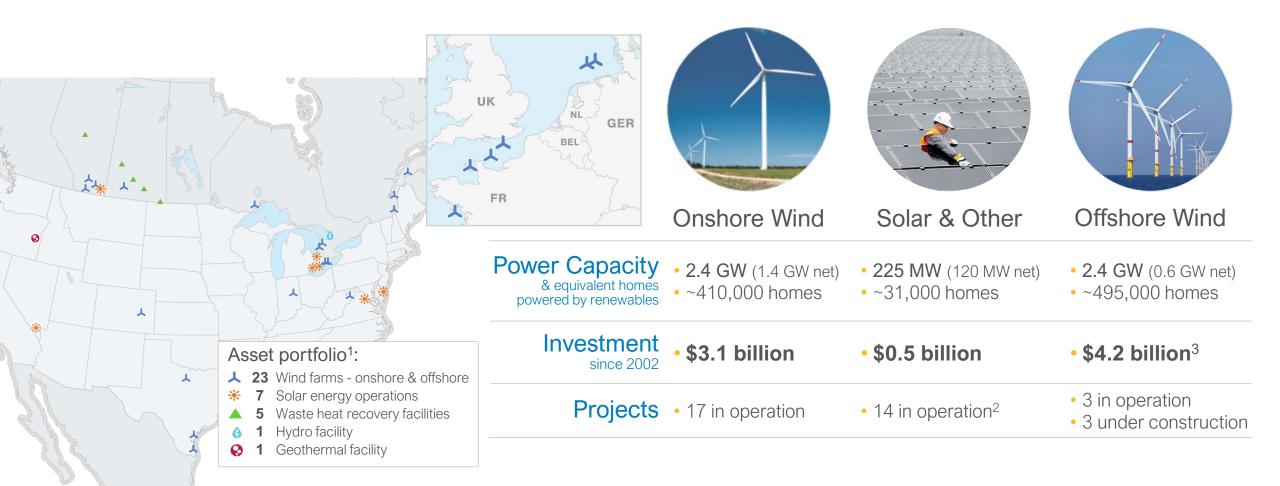
- Base utility growth of ~\$1B/yr
- Dawn-Parkway expansions
- Dawn hub storage expansions
- Hydrogen & renewable natural gas







### Renewable Power Footprint



Built an extensive renewables portfolio across N. America and Europe

<sup>(1)</sup> Showing assets in operation and under construction. (2) Includes 7 solar farms, 5 waste heat recovery facilities and a hydro and geothermal facility. (3) Net of sell-down of French offshore wind projects to CPP Investments which closed in the first quarter of 2021

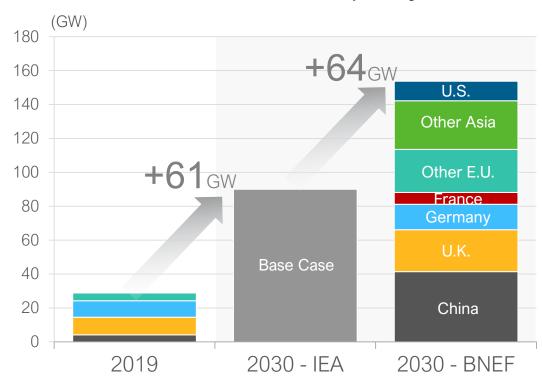


### European Offshore Wind Focus

### **Key Drivers:**

- Countries replacing traditional coal generations and other retiring capacity
- ✓ Need to add more power to the grid for growing population and energy needs
- Technological improvements leading to larger turbines
- ✓ Falling costs

#### Global OSW<sup>1</sup> Installed Capacity Forecast



Global offshore wind fundamentals continue to be robust

Sources: BNEF NEO 2018, IEA WEO NPS 2018 (1) Offshore Wind.

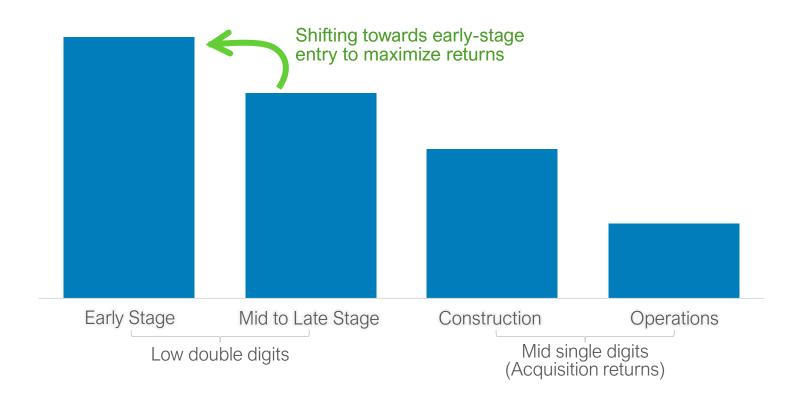


# Maximizing Project Returns

# Uniquely Positioned to Compete in Offshore Wind

- ✓ Strong execution track record
- ✓ Capture development premium
- Focus on regions where contracts are available
- Secure local partners that have a competitive advantage

### Returns by Development Phase



Focused on earlier stage offshore wind projects to capture superior equity returns



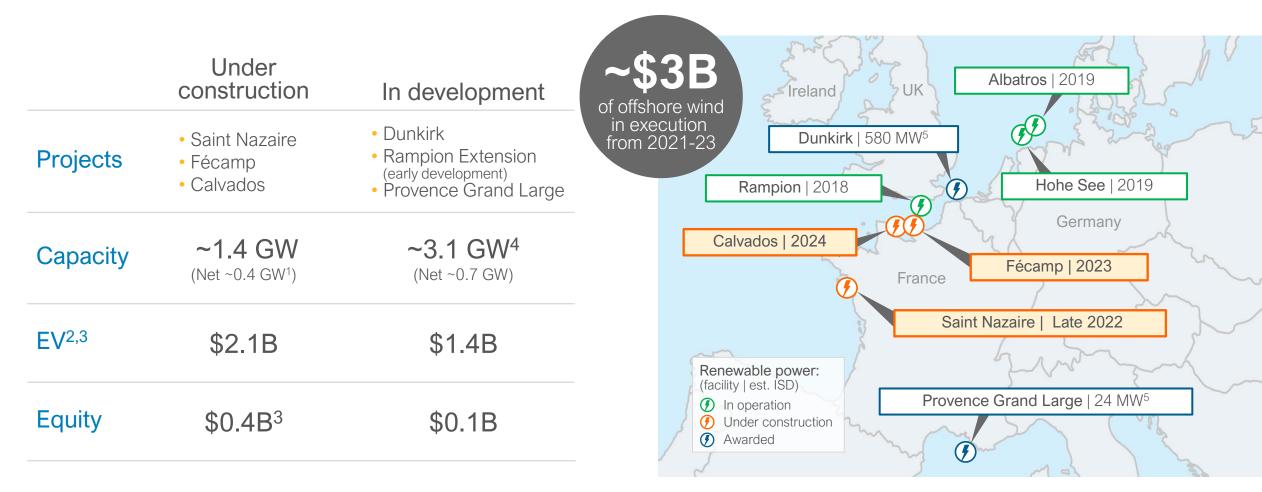
# Disciplined Approach

	Hohe See & Albatros	Rampion	Saint Nazaire	Fécamp	Calvados
Country					
Capacity	609 MW	400 MW	480 MW	500 MW	448 MW
Project costs	C\$1.1B	C\$0.8B	C\$0.9B <sup>3</sup>	C\$0.7B <sup>3</sup>	C\$0.9B <sup>3</sup>
Commercial framework	20-year fixed-price	15-year PPA + ROC	20-year fixed-price	20-year fixed-price	20-year fixed-price
Partnerships	EnBW (50.1%) CPP (24.5%)	RWE (50.1%) GIG (25%)	EDF (50%) CPP <sup>2</sup> (24.5%)	EDF (35%) wpd (30%) CPP <sup>2</sup> (17.1%)	EDF (42.5%) wpd (15%) CPP <sup>2</sup> (20.8%)
Merchant capacity <sup>1</sup>	None	Minimal	None	None	None
ENB ownership	25.4%	24.9%	25.5%	17.9%	21.7%
Equity IRR (after tax)	Low to mid-teens	Low to mid-teens	Low to mid-teens	Low to mid-teens	Low to mid-teens

### We are going to stay disciplined and not stray from our low-risk approach



# Offshore Wind Opportunity Set



#### Growing asset footprint with strong fundamentals and long-term contracts



# Next Frontier: Floating Offshore Wind



Deeper offshore areas represent ~80% of the offshore wind potential in Europe

Improved access to stronger and more consistent wind speeds by moving farther offshore

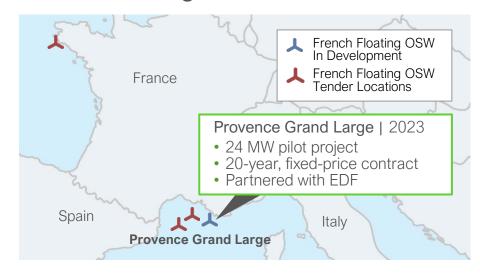
Europe has an exceptionally high floating offshore resource potential at **4,000 GW** 

✓ Technology advancing

#### Floating OSW Potential<sup>1</sup>

Country	Share of offshore wind resource in +60m depth	Potential for floating wind capacity (GW)
Europe	80%	4,000
USA	60%	2,450
Japan	80%	500
Taiwan	-	90

#### Future Floating OSW Tender Locations<sup>2</sup>



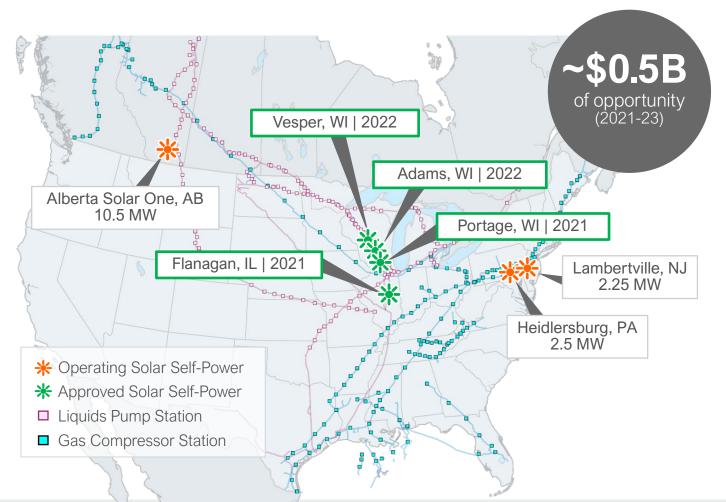
#### Strategic Agreement with EDF

- Jointly develop an incremental 750MW of Floating Offshore wind tenders in France
- Expected to yield low-mid double-digit returns

Longer term, floating offshore wind has the potential to further extend our growth



# Self-Powering the Pipeline



- Several hundred MWs of self-power generation opportunities through 2023
- Near-term potential for 15-20 projects
  - 3 projects placed into service
  - Sanctioned 4 additional liquids projects
  - Several in later stages of development
- Further opportunity across NA networks
- Robust stand-alone equity returns
- Reduces carbon footprint

Combined renewable power development capability with extensive North American pipeline systems



### Renewable Power - Summary

- Renewables will become a larger part of EBITDA mix over time
- Solid development and operations capabilities in place
- Robust development pipeline provides us with visibility to ongoing growth
- Taking a low-risk approach to capital investment



#### **Enhance Returns from Existing Business**

- Maximizing productivity
- Optimizing returns
- Centralized operations
- Earlier stage development



#### **Execute Secured Capital Program**

- St. Nazaire
- Fécamp
- Calvados
- East-west tie line





#### Further Organic Opportunities

- Dunkirk
- European offshore wind
- European floating offshore wind
- Self-powering opportunities



# Contact Information

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