



Saddlebrook Solar + Storage

Community Information Session (Online) – April 21, 2021



Agenda



- Housekeeping
- Land Acknowledgment
- Safety Moment
- TC Energy – Our Purpose
- Meet the Saddlebrook Solar + Storage Project Team
- Project Overview
 - Project location
 - Site layout
 - Technology
 - Environmental studies
 - Landowner engagement
- Regulatory process and timelines
- Next Steps
 - Sustainability
 - Ongoing community involvement
- Q & A

Housekeeping

- Please inform your presenter via the ‘chat’ function if you require any assistance or accommodations to participate in today’s presentation.
 - [Live closed captioning](#) is available throughout the presentation to enhance accessibility.
 - [Language translation](#) is available for the chat function.
- Please turn-off your live video camera and any non-essential streaming services that are connected to your internet to ensure strong connectivity for everyone (i.e. Netflix, Spotify).
- Please ask your questions using the ‘chat’ function throughout the presentation.
 - Questions will be answered at the end of the presentation.



Forward-looking information

This presentation includes certain forward-looking information, including future-- oriented financial information or financial outlook, which is intended to help current and potential investors understand management's assessment of our future plans and financial outlook, and our future prospects overall. Statements that are forward-looking are based on certain assumptions and on what we know and expect today and generally include words like anticipate, expect, believe, may, will, should, estimate or other similar words.

Forward-looking statements do not guarantee future performance. Actual events and results could be significantly different because of assumptions, risks or uncertainties related to our business or events that happen after the date of this presentation. Our forward-looking information in this presentation includes statements related to future dividend growth and the future growth of our core businesses.

Our forward-looking information is based on certain key assumptions and is subject to risks and uncertainties, including but not limited to: Our ability to successfully implement our strategic priorities and whether they will yield the expected benefits; the operating performance of our pipeline and energy assets; amount of capacity sold and rates achieved in our pipeline businesses; the availability and price of energy commodities; the amount of capacity payments and revenues from our energy business; regulatory decisions and outcomes, including those related to recent FERC policy changes, outcomes of legal proceedings, including arbitration and insurance claims; performance and credit risk of our counterparties; changes in market commodity prices; changes in the regulatory environment; changes in the political environment; changes in environmental and other laws and regulations; competitive factors in the pipeline and energy sectors; construction and completion of capital projects; costs for labour, equipment and materials; access to capital markets, including the economic benefit of asset drop downs to TC PipeLines, LP; interest, tax and foreign exchange rates, including the impact of U.S. Tax Reform; weather cyber security; technological developments; and economic conditions in North America as

well as globally. You can read more about these risks and others in our April 26, 2018 Quarterly Report to Shareholders and 2017 Annual Report filed with Canadian securities regulators and the SEC and available at [TCEnergy.com](https://www.tcenergy.com).

As actual results could vary significantly from the forward-looking information, you should not put undue reliance on forward-looking information and should not use future-oriented information or financial outlooks for anything other than their intended purpose. We do not update our forward-looking statements due to new information or future events, unless we are required to by law.

This presentation contains reference to certain financial measures (non-GAAP measures) that do not have any standardized meaning as prescribed by U.S. generally accepted accounting principles (GAAP) and therefore may not be comparable to similar measures presented by other entities. These non-GAAP measures may include Comparable Earnings, Comparable Earnings per Common Share, Comparable Earnings Before Interest, Taxes, Depreciation and Amortization (Comparable EBITDA), Funds Generated from Operations, Comparable Funds Generated from Operations, Comparable Distributable Cash Flow (DCF) and Comparable DCF per Common Share. Reconciliations to the most closely related GAAP measures are included in this presentation and in our April 26, 2018 Quarterly Report to Shareholders filed with Canadian securities regulators and the SEC and available at [TCEnergy.com](https://www.tcenergy.com).

Acknowledgement of the land



We would like to open with an acknowledgement that part of the land on which TC Energy operates contain the histories, cultures and rich traditions of Indigenous people across North America. We thank the original keepers of these lands – generations past, present and future – for sharing their homelands with us.

Safety Moment:

Control excavation and ground disturbances



Know how and when to use your local One-Call service

- Any time you're digging – it's the law in most areas!
- Utilities can be as little as 6" below the surface
- Visit clickbeforeyoudig.com (Canada) or Call811.com (U.S.)



Outline the work area and wait for utilities to be marked

- Allow 3- 5 days, depending on province or state
- Know what the marking colours mean
- Markings have an expiry, request a new locate if you don't complete the job in time
- Don't remove markings until the job is completed

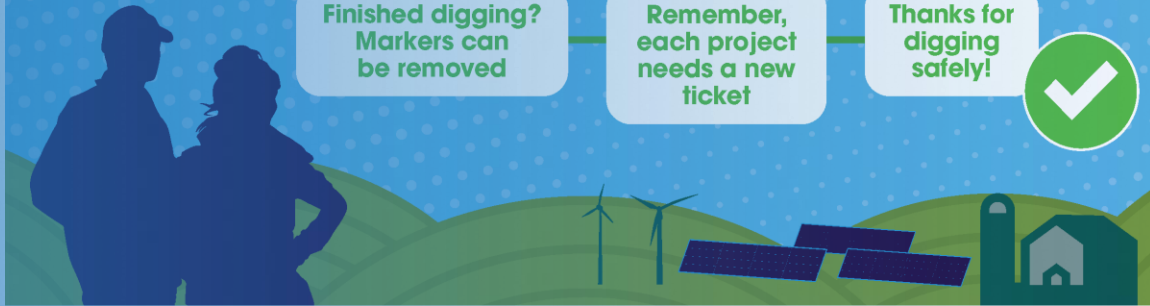
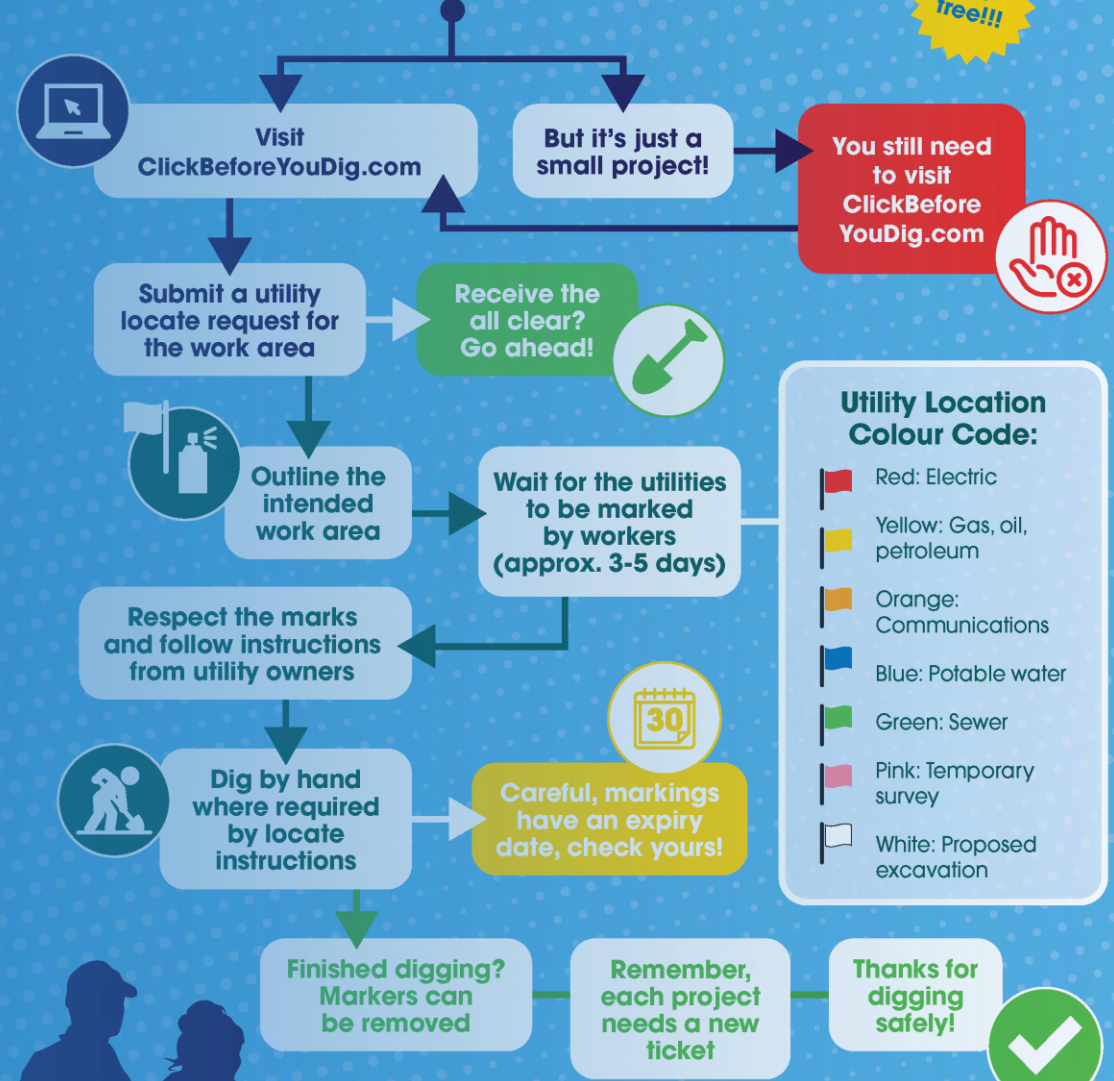


Dig Carefully!

- Avoid marked areas
- Dig by hand near any located utilities

How the One-Call service works

Digging Safely



Our purpose

**Delivering the energy people
need, every day**

Safely. Responsibly. Collaboratively. With integrity.

Our energy network

Natural gas pipelines

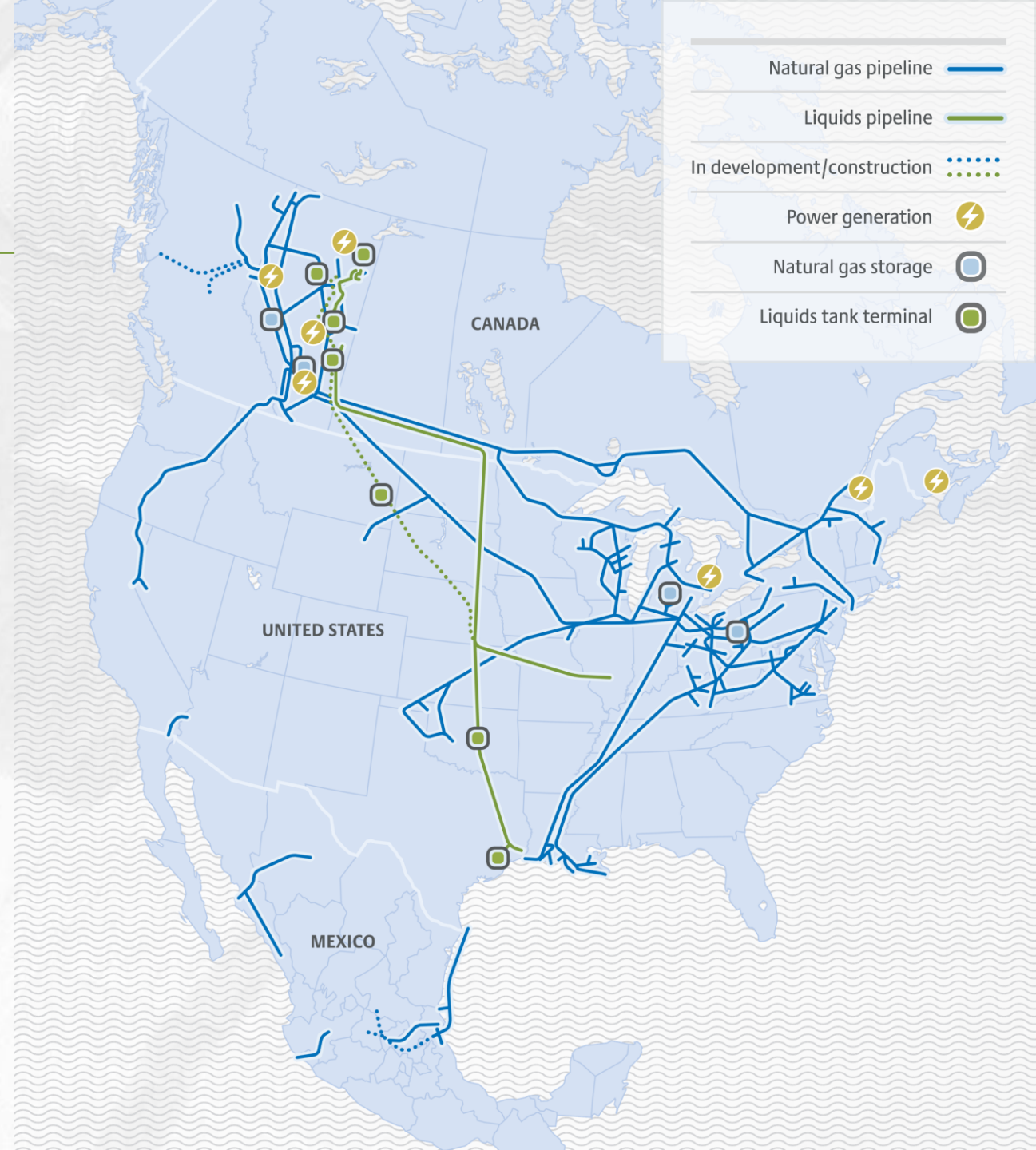
25% of the natural gas that North America uses every day.

Oil and liquids pipelines

~20% of the western Canadian oil that goes to the U.S. Midwest and Gulf Coast.

Power generation

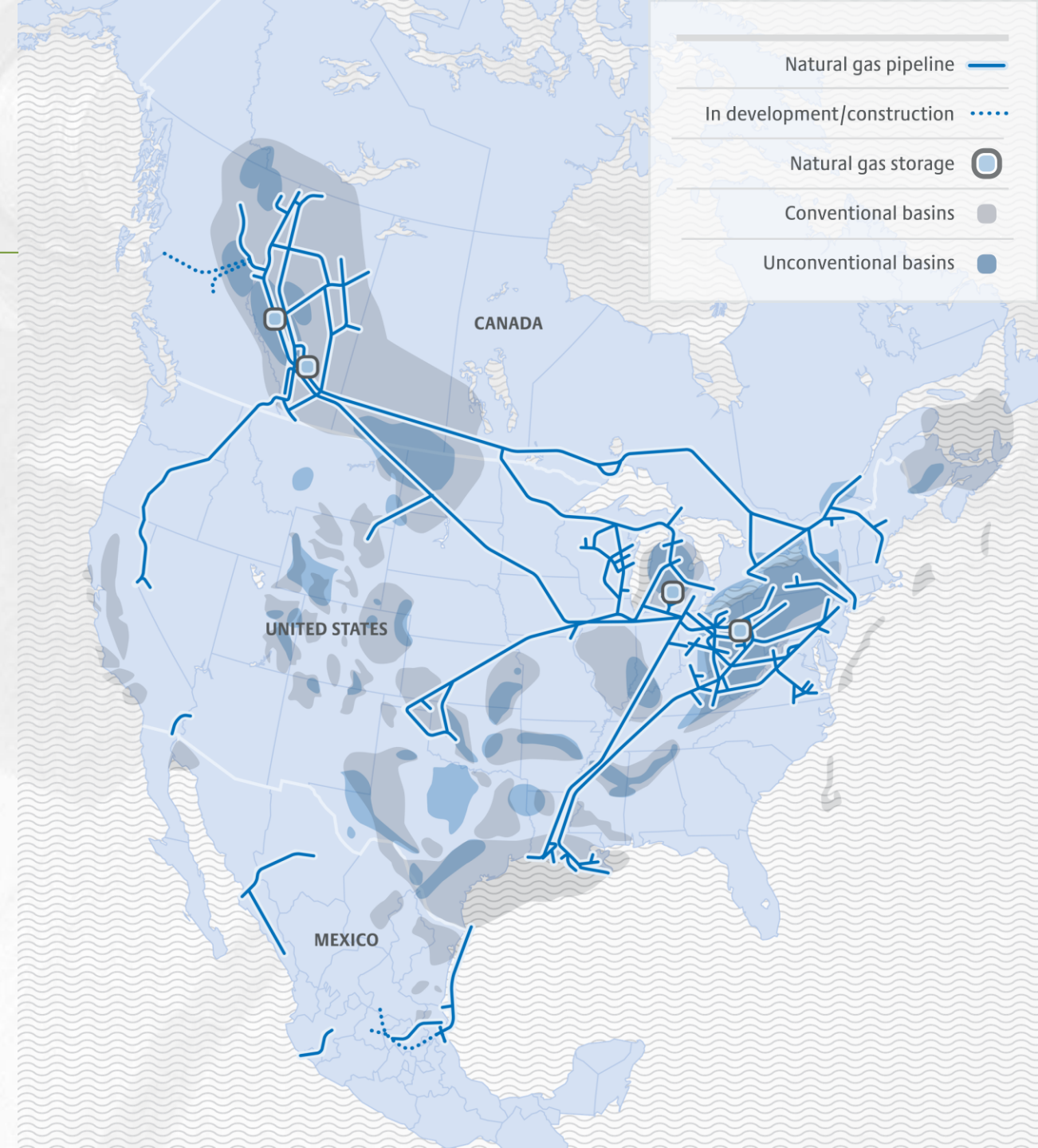
Powering more than 4 million homes.



Natural gas pipelines

Delivers more than 25% of the natural gas needed in North America every day.

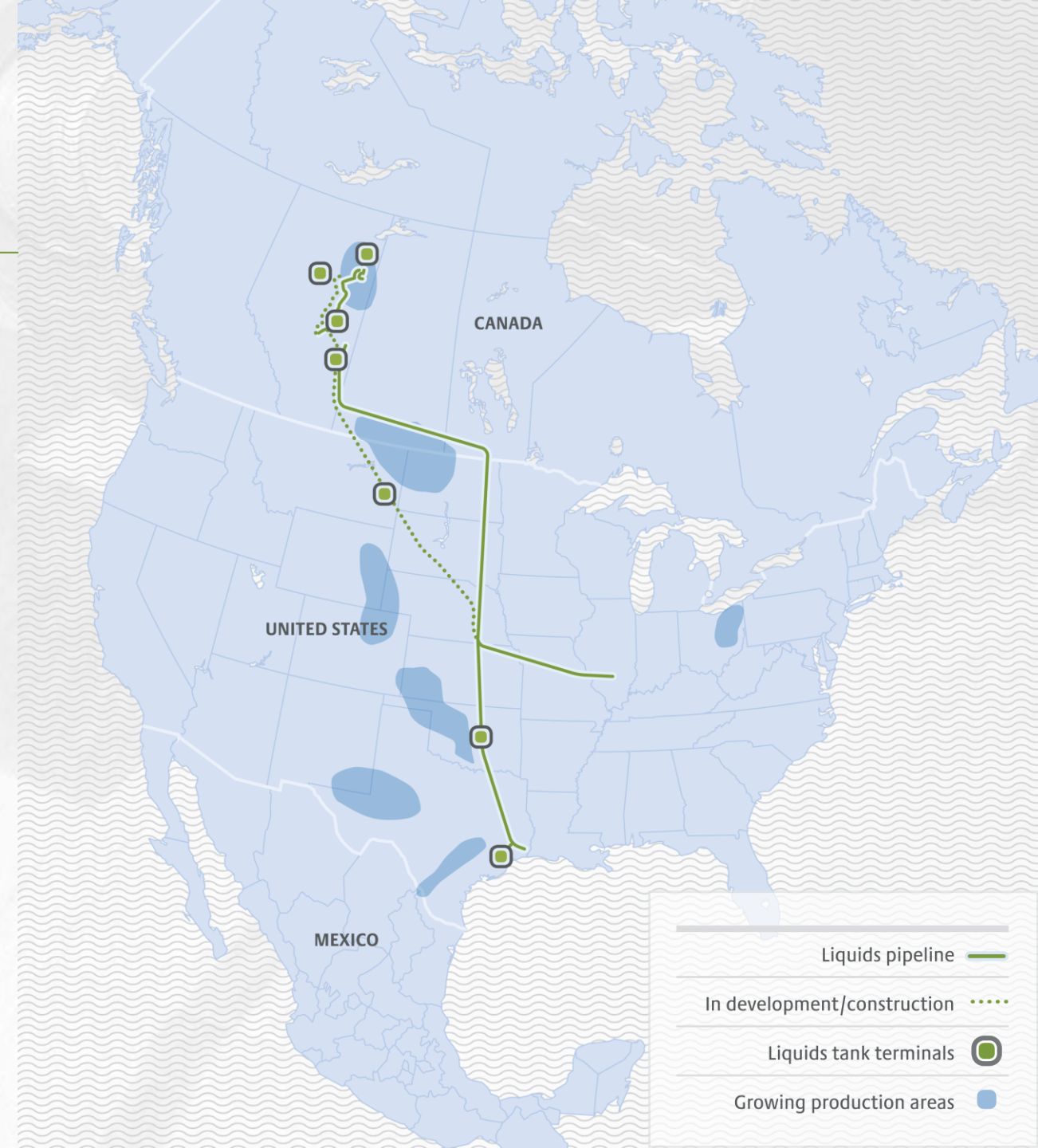
- Taps into most major gas-producing basins in North America
- Connects to key markets in Canada, the U.S. and Mexico
- Enables access to global markets via liquified natural gas (LNG) export points in the U.S. and Canada
- Includes significant natural gas storage capacity to manage peaks and lows of supply and demand



Oil and liquids pipelines

Transports ~20% of Western Canadian crude oil exports -- more than 2 billion barrels since 2010.

- Covers a strategic corridor near growing production basins, connected to key U.S. markets
- Transports ~20% of Western Canadian crude oil exports to key refineries in the U.S. Midwest and Gulf Coast
- Delivers U.S. crude oil from the market hub in Cushing, OK, to the U.S. Gulf Coast



Power and storage

Powering more than 4 million homes.

- We have investments in six low-emission natural gas-fired power plants and the Bruce Power nuclear facility, a combined capacity of 4,200 megawatts
- Nearly half of the power we provide is generated from emission-less nuclear fuel source
- We are investing in renewable power generating opportunities, such as our proposed pumped storage project in Ontario – generating emission-free electricity from water





Meet the Project Team

Project Manager – Michael Edwards

Project Engineer – Justin Ma

Community Relations Lead – Cole Thomson

Environment Lead – Joanne Tatham

Landowner Engagement Lead – Adam Sheldon

Permitting Lead – Samantha Brown

Lockheed Martin Technology Partner – Matthew Zedler

TC Energy Communications – Jennifer Link

Project overview



Project:

Design Life: 30 - 35 Years
Location: Aldersyde, Alberta
(Saddlebrook Industrial Park)

Solar:

Racking / Tracking: Fixed Tilt
Panel Technology: Bifacial
Inverter Technology: Central Inverters
Expected Capacity: 102.5 MW

Storage:

Expected Capacity: 6.5 MW
Expected Duration: 8 hours
Technology: Flow Batteries

Partners:



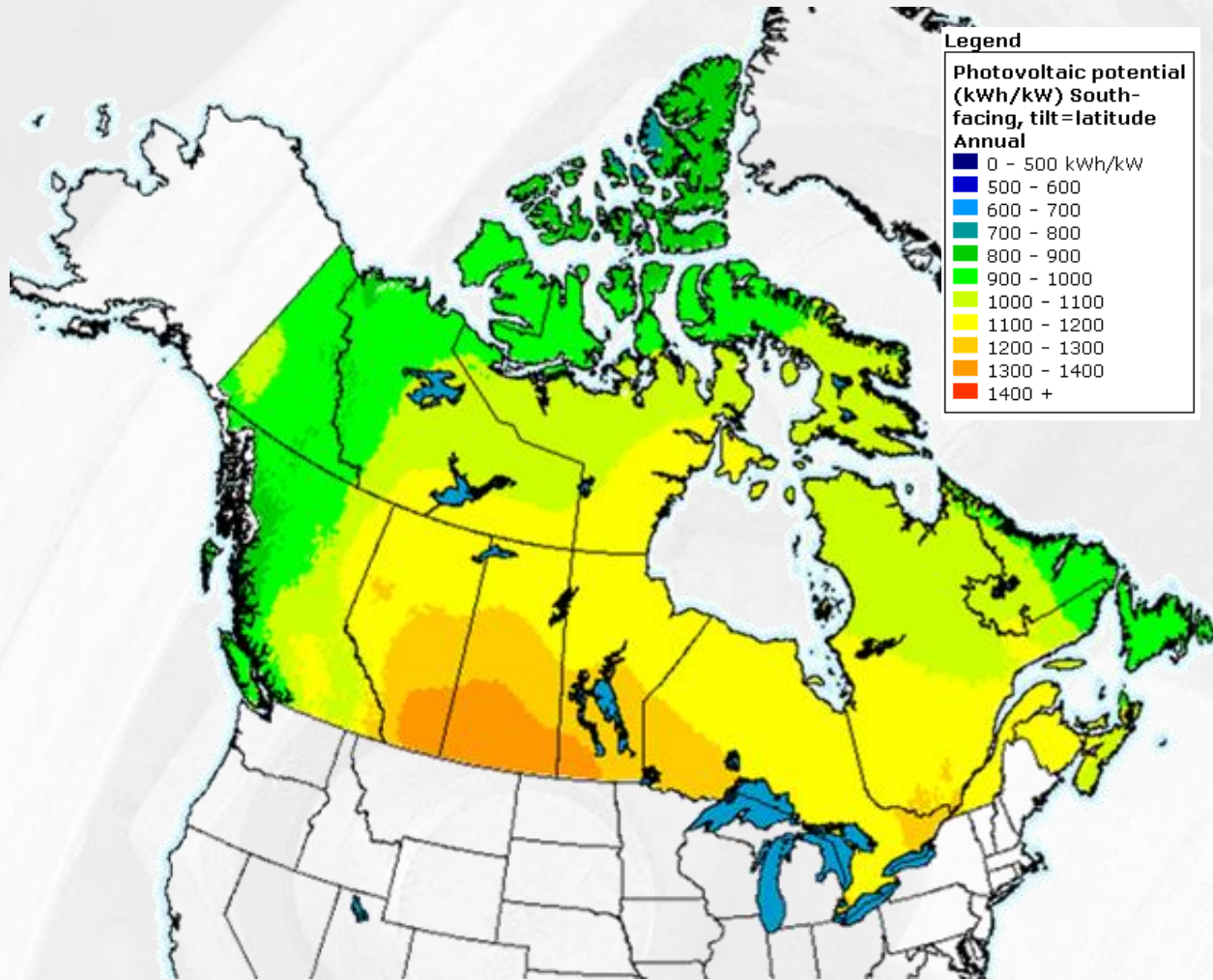
Emissions Reduction Alberta
<https://eralberta.ca/>



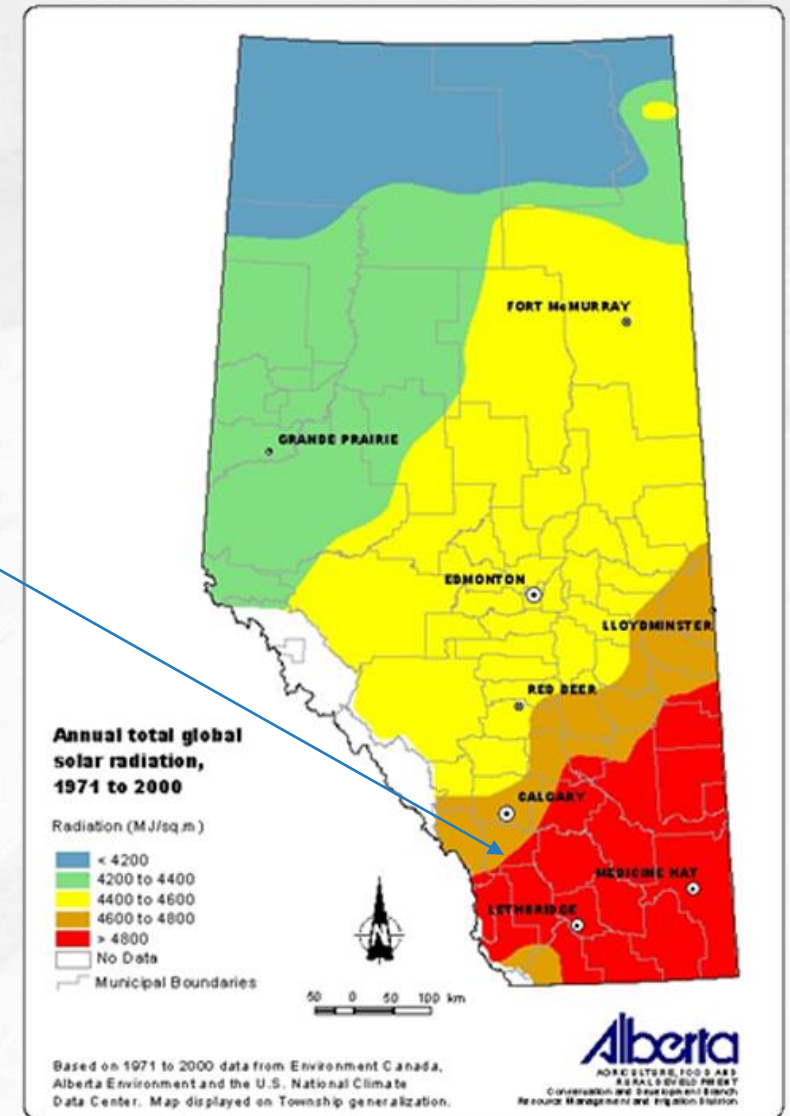
Lockheed Martin
<https://www.lockheedmartin.com/>



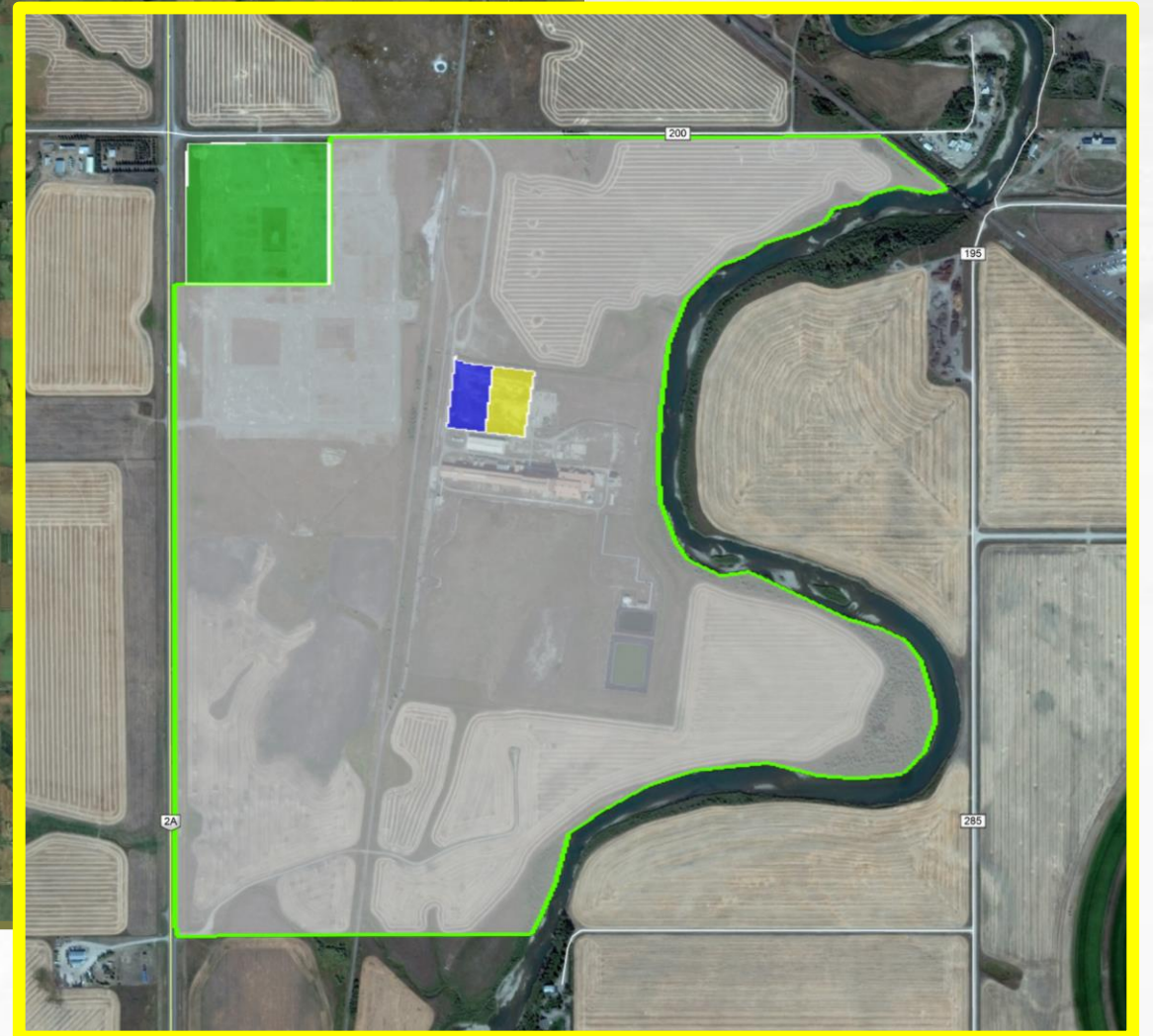
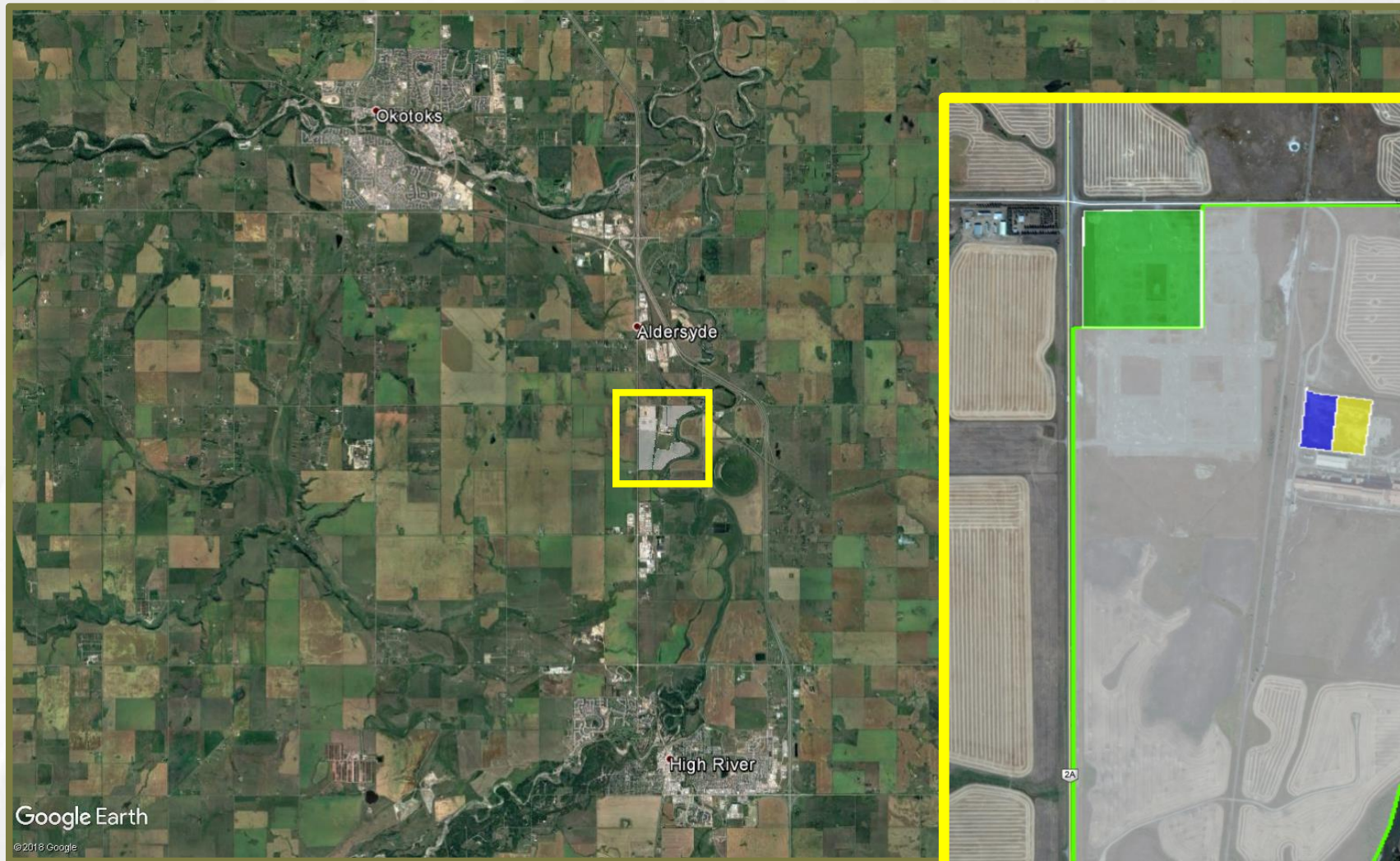
Project Location



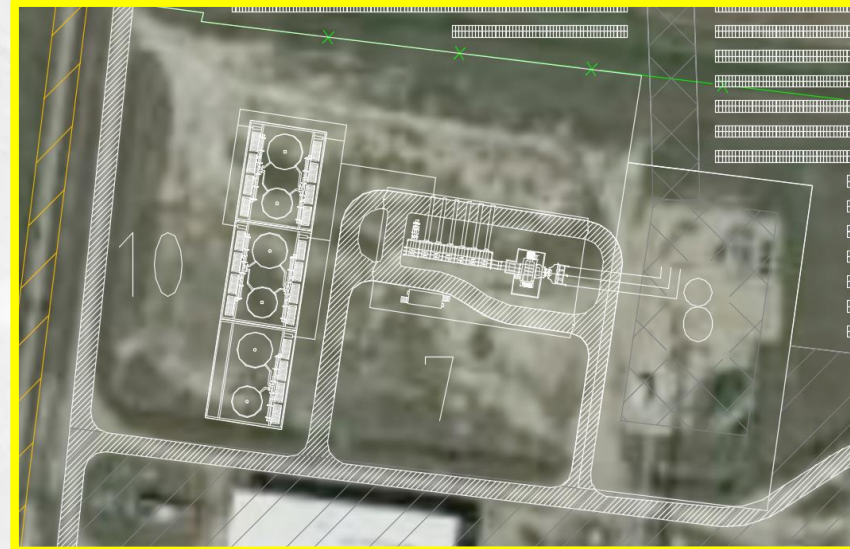
Project Location



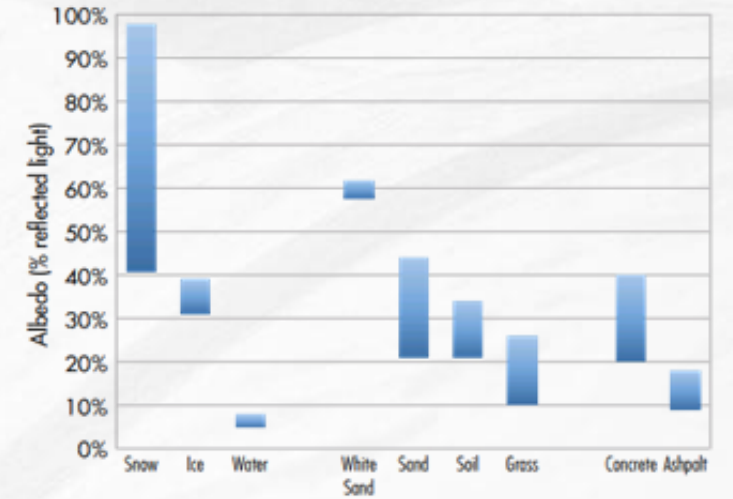
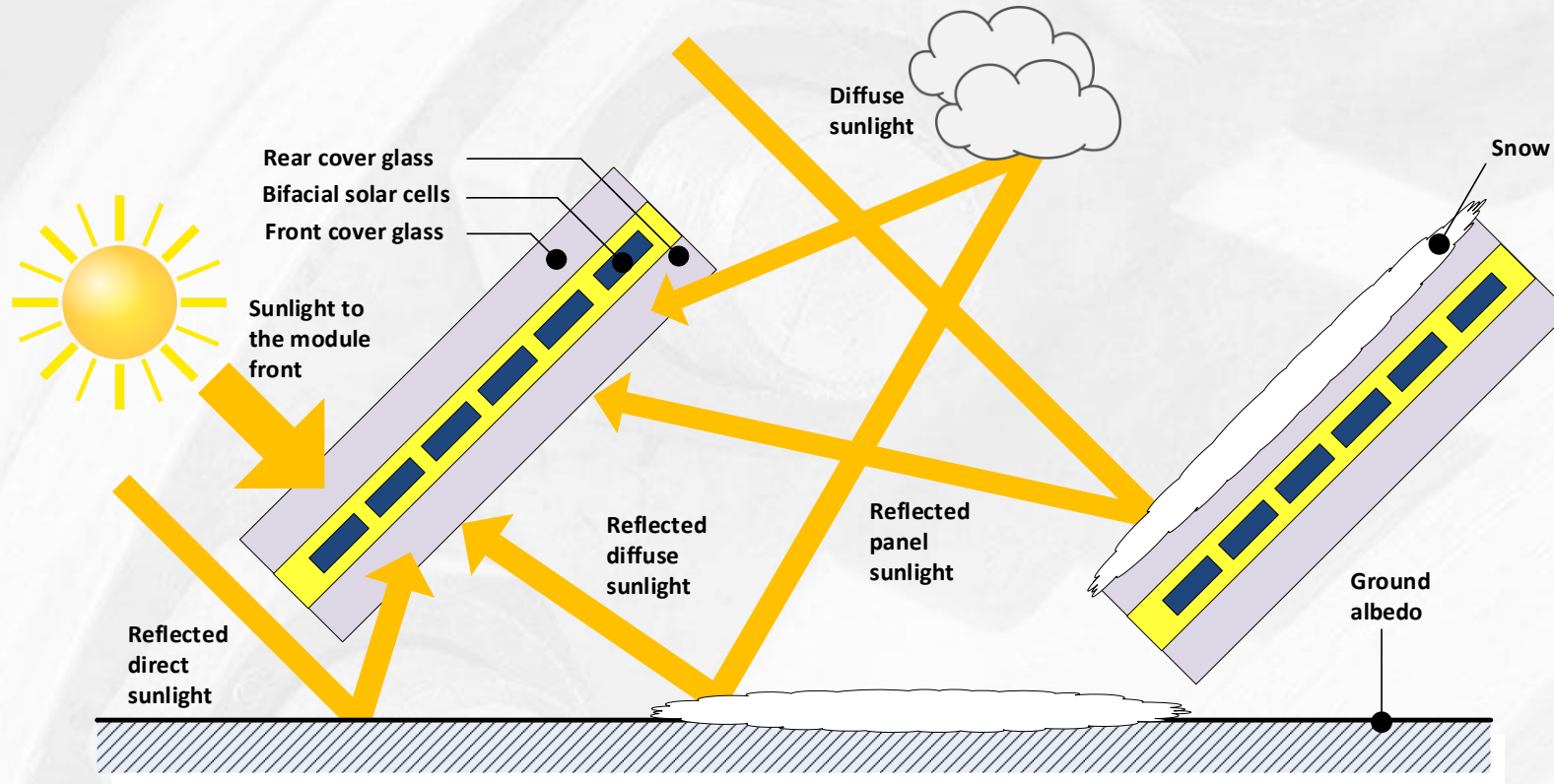
Project Location



Site Layout



Technology - Bifacial Solar Panels



Technology - Lockheed Martin Battery



Environment



Field studies:

- Wildlife surveys
- Vegetation surveys
- Wetland surveys

Alberta Environment and Parks, in its **Wildlife Renewable Energy Report**, concluded that the project was considered **low risk** to wildlife and wildlife habitat

In addition to the above the following have been or will be completed in support of the application, or prior to construction:

- Noise Impact Assessment
- Environmental Effects Report
- Conservation and Reclamation Plan
- Stormwater Management Plan
- Environmental Protection Plan



Landowner engagement



At TC Energy, we are committed to building and maintaining positive relationships with landowners. We are proud of the relationships we've built with thousands of landowners across North America, and we believe that these relationships are critical to our success. Our approach to engagement with people and groups who may be affected by our activities is rooted in our core values and we conduct our landowner outreach in ways that are:

Fair

Accountable

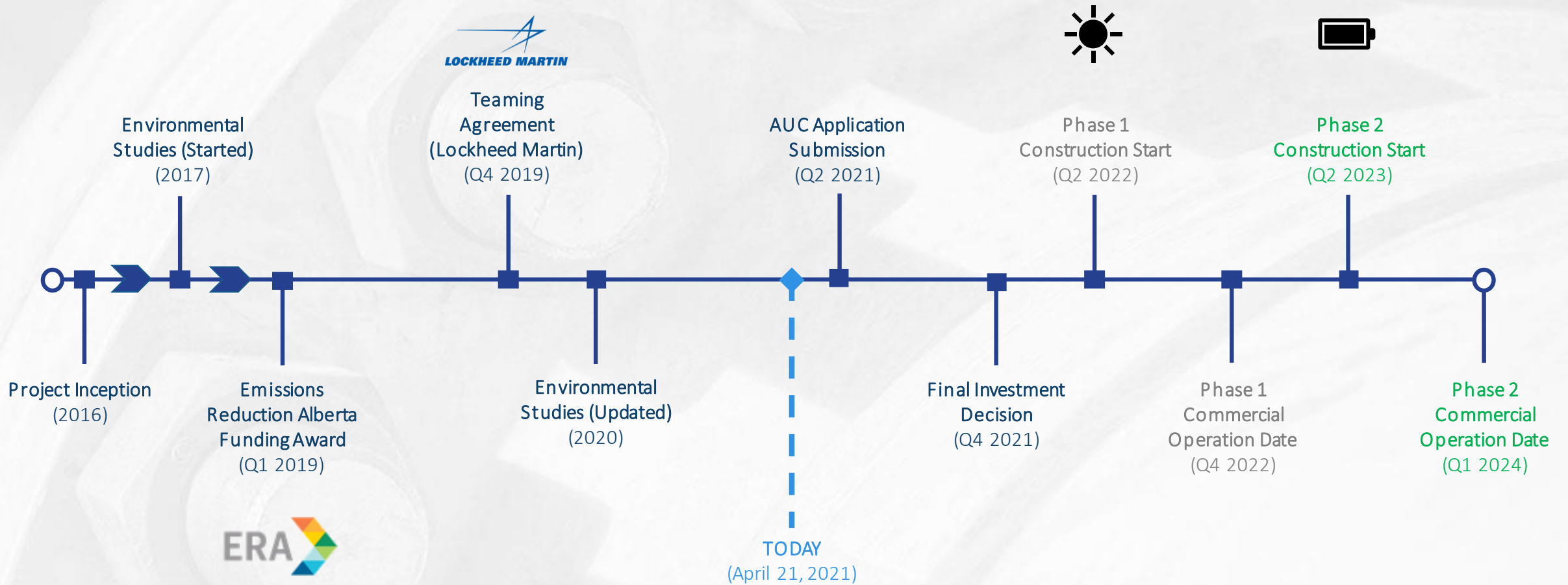
Professional

Responsible for protection of private information

Respectful and trustworthy

Honest

Regulatory process and timelines





Regulatory process and timelines

TC Energy will apply to the Alberta Utilities Commission (AUC) under Rule 007 in Q2 2021.

Engagement on the Project is guided by the AUC's Participant Involvement Program. For more information on the AUC, please visit www.auc.ab.ca.

If you have questions about the AUC regulatory process, please email info@auc.ab.ca or call 310-4AUC ([1-833-511-4282](tel:1-833-511-4282) outside Alberta).

Alberta Utilities Commission Mandate:

The Alberta Utilities Commission (AUC) is a quasi-judicial independent agency established by the Government of Alberta, responsible to ensure that the delivery of Alberta's utility service takes place in a manner that is fair, responsible and in the public interest. They regulate investor – owned natural gas, electric, and water utilities, and certain municipally-owned electric utilities to protect social, economic and environmental interests of Alberta where competitive market forces do not.



Next steps

We are committed to listening to our neighbours and working with our stakeholders to develop better project plans and create long-term opportunities and economic benefits in the communities where we operate. Our approach to engagement with stakeholders who may be affected by our activities is rooted in our core values of safety, integrity, responsibility and collaboration.

We build, operate and maintain assets that last generations, so we approach our relationships with landowners with the long term in mind. We continue to build and maintain relationships with close to 100,000 landowners across Canada, the United States and Mexico and know that stakeholders are critical to our success.

Our approach to sustainability



Protecting our planet

Committed to our principles of environmental stewardship, protection and performance. Addressing climate change and reducing emissions.



Promoting Prosperity

Ensuring shared prosperity across our North American footprint.



Empowering people

Building vibrant, healthy communities and businesses, focusing on safety first.



Supporting communities

- Regular contact with close to 100,000 landowners
- 30+ years of engagement and collaboration with Indigenous communities, striving to build co-operative, mutually beneficial relationships
- 1,000's of meetings each year with municipal representatives, emergency responders and community members
- Build Strong community investment program supports over 1,500 local non-profit and charitable organizations

TC Energy

BUILD STRONG



Community Investment

Our community investment program helps to build strong and vibrant communities where we live, work and operate.

- Our workforce across our operations and project footprint play an important role in our community investment work by helping to identify initiatives that support important community needs and business priorities.
- We prioritize local non-profit organizations focused on safety, education, environment and community.
- In 2019, the total value of investments was over **C\$28.3 million** to over 2,500 different initiatives or scholarships across more than 1,040 communities across North America.



Questions?



The Open House has concluded. If you have questions and missed the opportunity to ask them, please use the contact information below.

Public Affairs Phone: 1-855-895-8754

Email: public_affairs_ca@tcenergy.com

