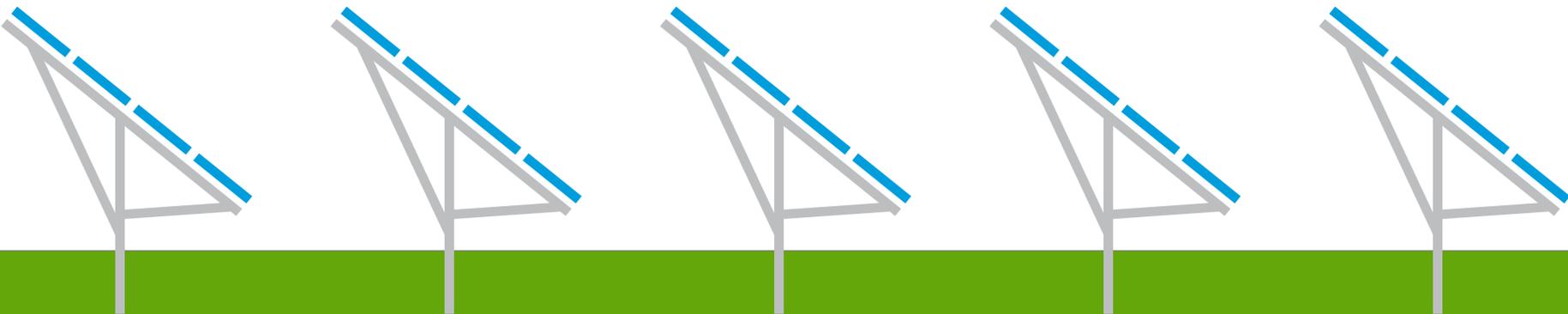


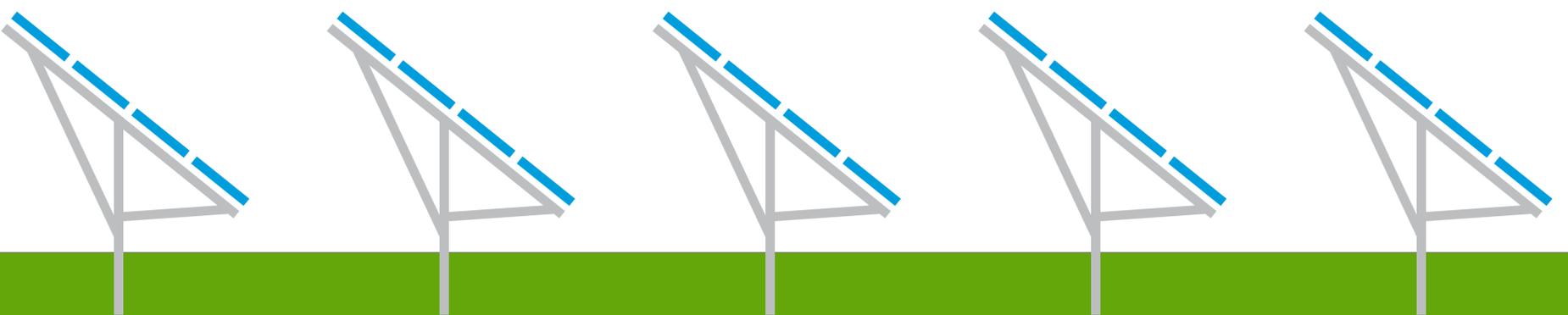


PROVIDING MORE

WELCOME



**Ε.Λ. SMITH
SOLAR FARM
PROJECT
OPEN HOUSE
LOWER LEVEL**

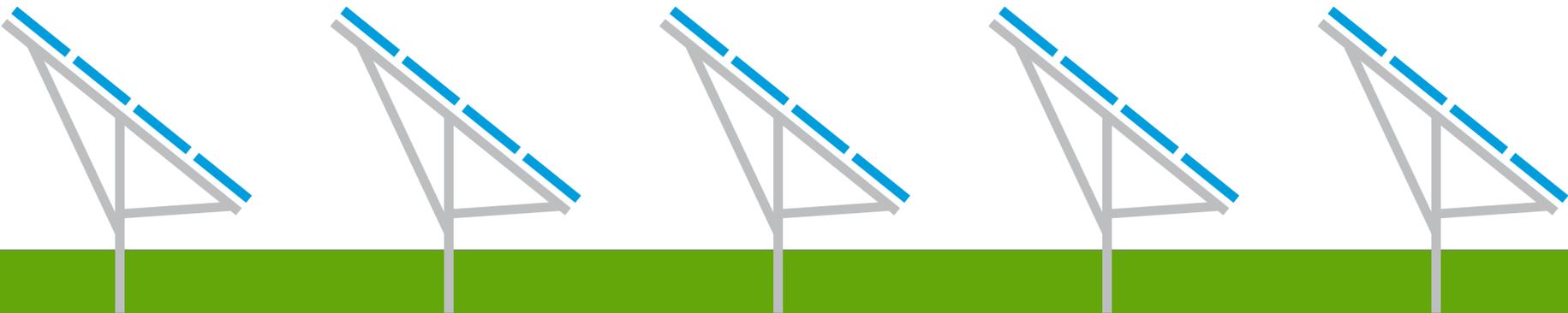




PROVIDING MORE

ADVISE

We are consulting you to share feedback and perspectives that we will consider in the planning and execution of this project.



WHO IS EPCOR?

POWERING OUR HOMETOWN

- We build, own and operate electrical transmission and distribution networks in Edmonton.
- We distribute about 13% of Alberta’s energy consumption to customers in the City of Edmonton.
- We provide energy products and services to 600,000 Albertan customers.

REFRESHING COMMUNITIES

- Across Alberta, B.C. and Saskatchewan, we deliver clean drinking water and treat wastewater for municipalities and industrial clients.
- We are the largest private water provider in Arizona and New Mexico, and we also serve Texas.

PROVIDING MORE, FOR CUSTOMERS, COMMUNITY AND ENVIRONMENT

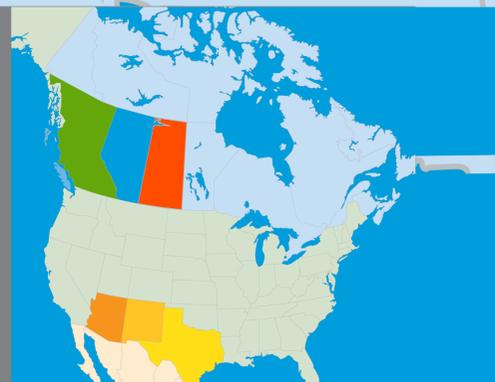
- Our 2,700 employees in Canada and the United States work 24/7 to keep the power and water running.
- We build healthy communities by supporting educational initiatives that lead children out of poverty and through an active employee volunteer program.
- We work to protect our precious resources in every community where we operate.



EPCOR OPERATIONS

- Electricity Distribution & Transmission
- Water Facilities
- Natural Gas

- Wastewater Facilities
- Water/Wastewater Facilities
- Industrial Wastewater Facilities
- Water Transmission



THE PROJECT

WHAT IS HAPPENING?

- We are proposing to build a new solar farm on our property just south of the existing E.L. Smith Water Treatment Plant (at 3900 E.L. Smith Road).
- If approved, the project will involve:
 - installing approximately 35,000 solar panels;
 - connecting the panels to the water treatment plant and electrical grid;
 - removing select trees on the property to accommodate the solar panels; and,
 - building a new fence to enclose the solar farm.

WHY IS THIS FACILITY NEEDED?

- We are committed to the City of Edmonton's objective to become a leader in energy efficiency and conservation.
- This project aligns with the City's *The Way We Green: Environmental Strategic Plan*.
- If approved, this project will generate renewable energy to help power the existing E.L. Smith Water Treatment Plant, while reducing our greenhouse gas emissions.

WHY DID YOU CHOOSE THIS LOCATION?

- The project site is located in close proximity to the existing E.L. Smith Water Treatment Plant, allowing us to connect the solar panels to the plant and electrical grid.
- Of the possible project locations on our property, this site resulted in the least disturbance to existing vegetation.
- Currently, the project area is an empty field covered in grass, small bushes and scattered trees.



WHAT DOES THE E.L. SMITH WATER TREATMENT PLANT DO?

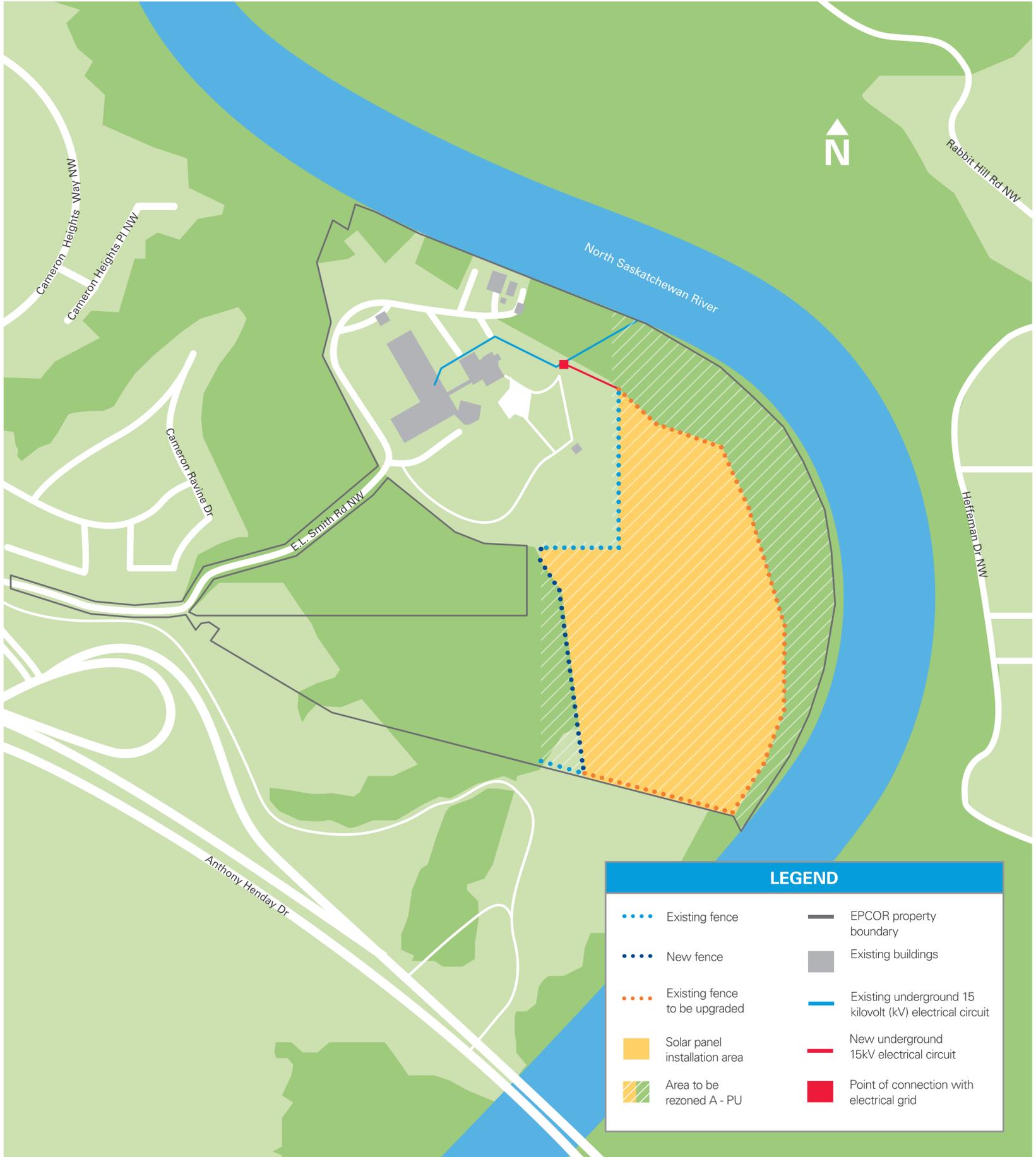
E.L. Smith is one of Edmonton's two water treatment plants, and has been providing water to the city and region since 1976.

Water from the North Saskatchewan River is treated, tested and stored onsite in reservoirs until it is needed. Clean drinking water is then pumped out through the transmission/ distribution system to homes and businesses throughout the city.

THE PLANT:

- Has the capacity to treat up to 400 megalitres (ML) each day;
- Can store up to 138 ML of clean drinking water in the on-site reservoirs;
- Uses an ultra-violet (UV) disinfection system; and,
- Has a water intake system that diverts and returns fish safely downstream of the plant and, as a result, is preserving aquatic life in the North Saskatchewan River.

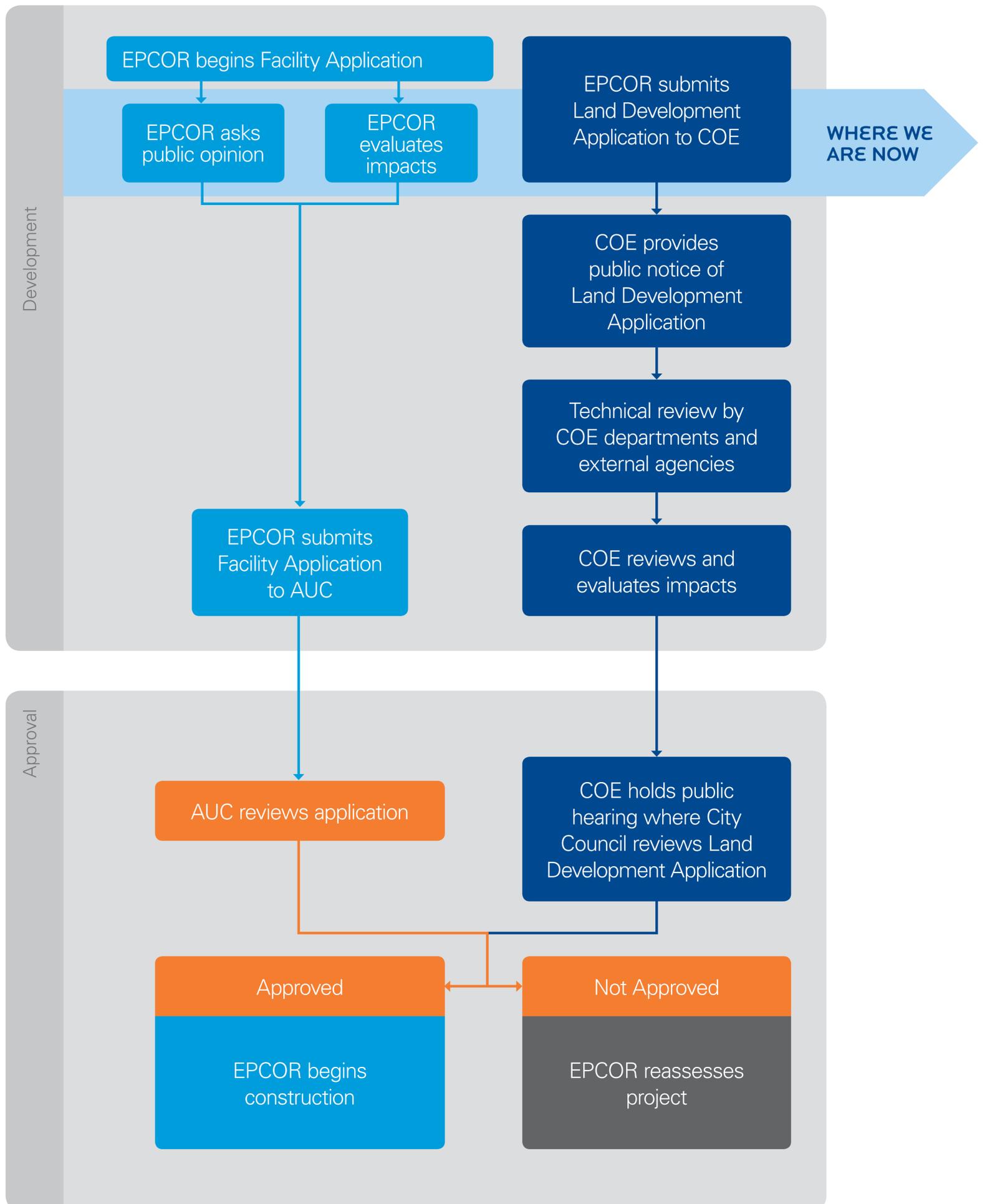




LEGEND

- | | |
|------------------------------------|------------------------------------------------------------|
| •••• Existing fence | — EPCOR property boundary |
| •••• New fence | ■ Existing buildings |
| •••• Existing fence to be upgraded | — Existing underground 15 kilovolt (kV) electrical circuit |
| ■ Solar panel installation area | — New underground 15kV electrical circuit |
| ■ Area to be rezoned A - PU | ■ Point of connection with electrical grid |

THE REGULATORY PROCESS



- **EPCOR:** Facility owner
- **AUC:** Alberta Utilities Commission
- **COE:** City of Edmonton

ABOUT THE SOLAR FARM

HOW MUCH POWER WILL IT GENERATE?

- The proposed solar farm has the capacity to generate up to 12 megawatts (MW) per hour and an estimated of 20,000 MW per year.
- This is the equivalent of powering over 2,800 Alberta homes each year.

DO WE HAVE ENOUGH SUNNY DAYS IN ALBERTA?

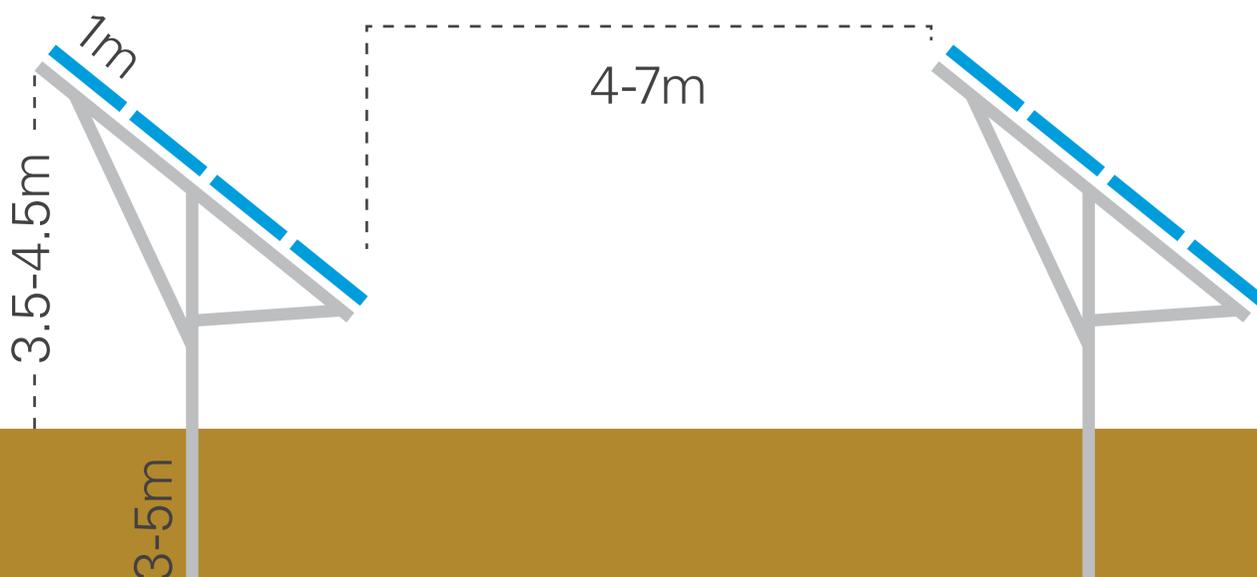
- In Alberta, solar power efficiency and output is much higher than in other geographical locations in Canada.
- We are using historical weather data to create a design that will maximize generation performance given our local weather conditions.

WILL THE SOLAR PANELS CAUSE GLARE?

- The panels are designed to absorb sunlight and convert it into energy, instead of reflecting it. As a result, we anticipate minimal glare created by the solar panels.
- We are completing a Glare Study to assess the level of glare created by the proposed solar farm.

HOW NOISY WILL IT BE?

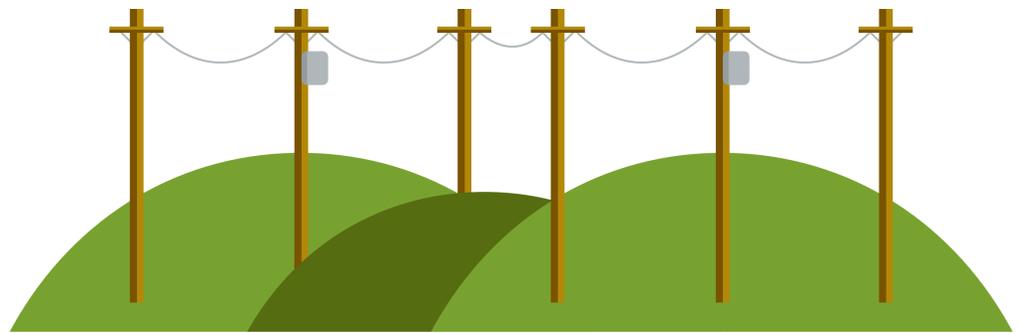
- We do not anticipate an increased level of noise as a result of the project.
- We are completing a Noise Impact Assessment to ensure that the proposed solar farm does not exceed permissible sound levels.



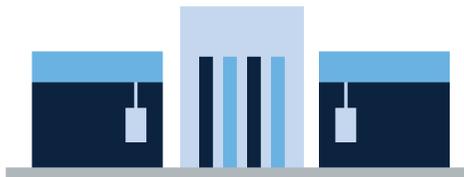
HOW DOES IT WORK?



energy from the sun is absorbed by the solar panels and converted into electricity



direct current (DC) power flows from the solar panels to inverter stations



DC power is converted to alternating current (AC) power (the type used by our plant, homes & businesses)

any power generated by the solar panels that isn't used by the E.L. Smith Water Treatment Plant is fed to the electrical grid



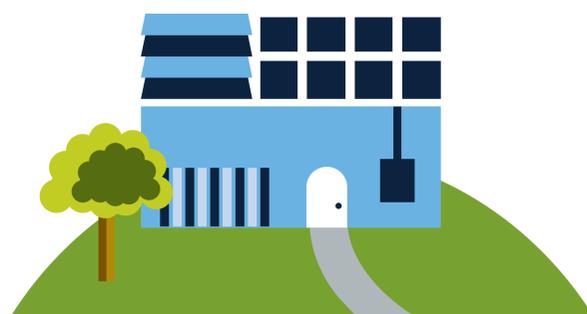
conventional power is received from the electrical grid



AC power flows to the meter & switchgear where it is then distributed



the solar power helps operate the E.L. Smith Water Treatment Plant, reducing the conventional (fossil fuel) power needed





Looking west from recreational trail (located east of project site, across river)



Looking northeast from recreational trail (located southwest of project site)



Looking northeast from Anthony Henday (located southwest of project site)

ENVIRONMENTAL CONSIDERATIONS

- At all our facilities, we strive to exemplify environmental leadership through environmental compliance and continuous improvement.
- Our design and construction practices have systems, procedures and measures in place to minimize and control potential impacts to the environment.
- For this project, we have engaged an independent third party to assess the impact of the project on:
 - wildlife
 - wetlands
 - vegetation
 - soils
 - historical resources
- All municipally, provincially and federally required environmental approvals will be obtained prior to construction.

If the E.L. Smith solar farm is approved, our reduction in greenhouse gas emissions will be comparable to taking over 2,500 vehicles off the road each year.



WHAT CAN I EXPECT DURING CONSTRUCTION?

VISUAL

- You can expect to see activity that is typical to construction, including company / contractor vehicles and equipment along E.L. Smith Road.
- This includes flatbed trucks and other industrial equipment necessary to install the solar panels, foundations and associated electrical infrastructure.

CONSTRUCTION NOISE

- Work will create typical noise associated with construction.
- We will take measures to ensure we comply with the City of Edmonton's *Community Standards Bylaw for Noise Control*.

WORK SPACE

- All of the planned work will take place within EPCOR's property line and existing fenced boundary.
- All work areas will be safe and secure.

VEGETATION REMOVAL

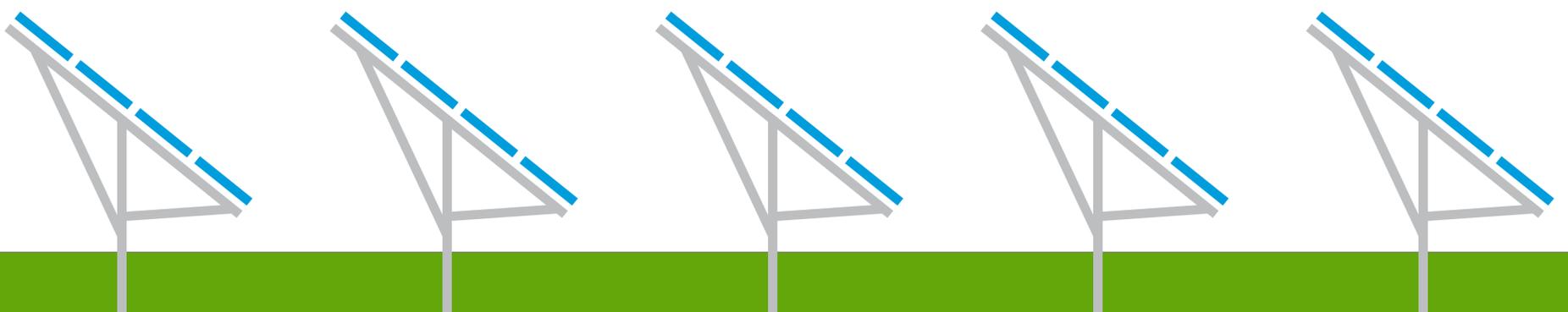
- In order to install the solar panels and ensure adequate sunlight, select trees and tall shrubs will be removed.
- Trees on the riverbank and the small forest to the west will not be removed.
- Shrub and grass roots will remain in place and reseeded if damaged during construction activities.

HOURS OF WORK

- Monday to Friday, 7:30 a.m. to 5:00 p.m.
- Occasional evening and weekend work may be required.

TRAIL CLOSURES

- We do not anticipate any impact to existing paths and trails near the E.L. Smith Water Treatment Plant as a result of this work.



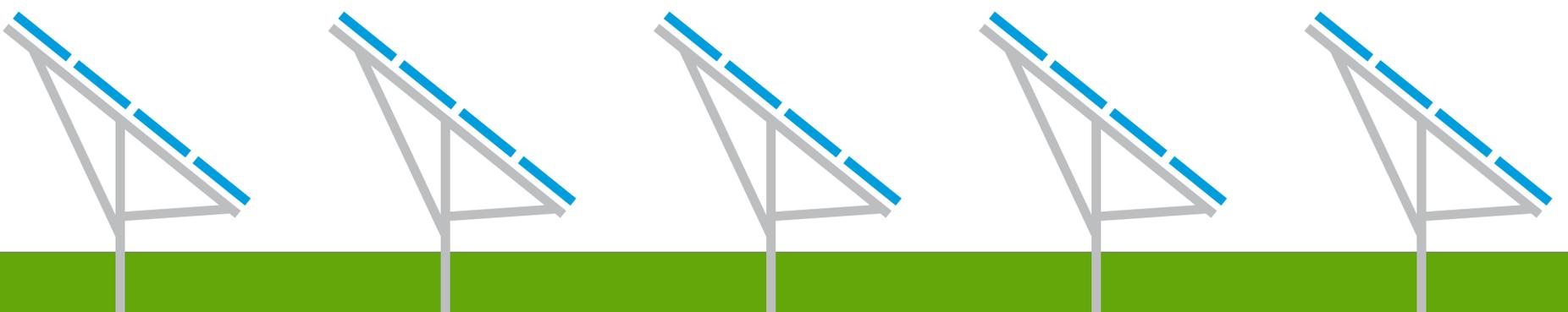
YOUR FEEDBACK & NEXT STEPS

**THANK YOU FOR JOINING US TODAY!
YOUR QUESTIONS AND INPUT ARE
IMPORTANT TO US.**

OVER THE NEXT FEW MONTHS, WE WILL:

- Continue contacting landowners, occupants, residents and businesses located in close proximity to the project to gather feedback and perspectives.
- Use your feedback to help refine and finalize our plan for the E.L. Smith Solar Farm.
- Share a summary of what we heard during our public engagement efforts.
- Submit a Facility Application to the AUC for approval to construct and operate the proposed solar farm.
- Update you on the project status, timelines and details as it progresses.

Project Timeline



TELL US WHAT YOU THINK



Write your feedback regarding the proposed E.L. Smith Solar Farm project next to each question.
You may also fill out a comment form available at the sign-in table.

IS THERE ANYTHING
MISSING THAT
SHOULD BE
CONSIDERED? IF YES,
TELL US MORE.

IS THE REGULATORY
PROCESS FOR THIS
PROJECT CLEAR?
IF NO, WHAT ADDITIONAL
INFORMATION WOULD
YOU LIKE?

WHAT ACTIVITIES
DO YOU USE THE
AREA SURROUNDING
THE PROPOSED
PROJECT AREA FOR?

DO YOU HAVE ANY
CONCERNS WITH THE
PROJECT? IF YES, WHAT
ARE THEY? PLEASE PUT
A STAR BESIDE YOUR
MAIN CONCERN.

HOW COULD WE
RESOLVE THESE
CONCERNS?