



Proposed On-site Electricity and Transmission Expansion

About Path₂Zero

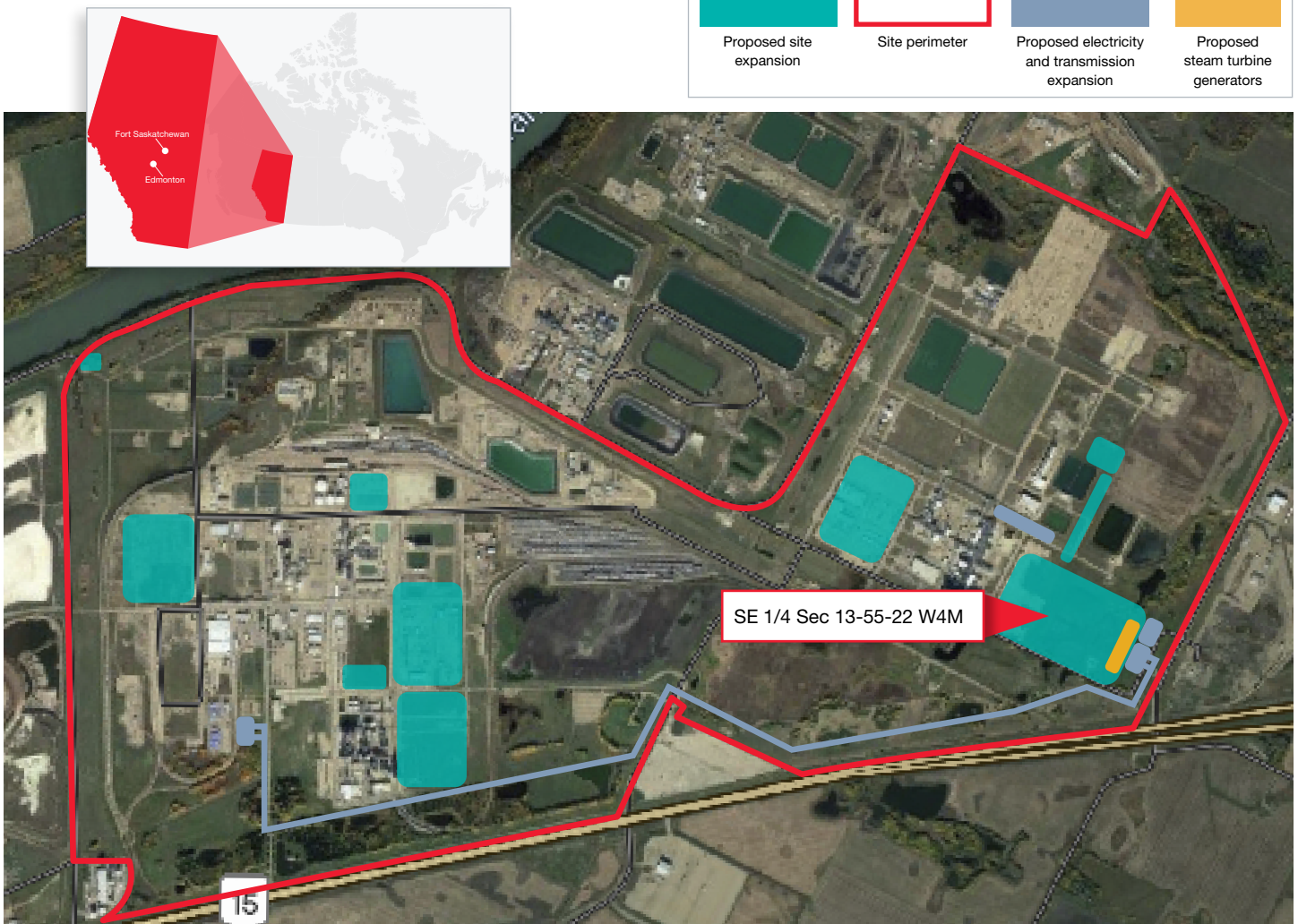
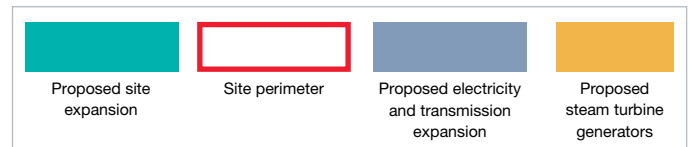
Dow has outlined a clear path to decarbonize our manufacturing facilities while growing and delivering low carbon products to our customers.

Dow's proposed Fort Saskatchewan Path₂Zero brownfield expansion project will create the world's first net-zero carbon emissions integrated ethylene cracker and derivatives site with respect to scope 1 and 2 carbon emissions.

For more information about the entire Path₂Zero project, visit: www.dow.com/FortSaskP2Z

On-Site Electricity and Transmission

To support the energy requirements for Dow's proposed brownfield expansion, additional electricity generation and transmission will be needed. Steam produced by the proposed new ethylene cracker located at SE 1/4 Sec 13-55-22 W4M will be used to generate additional electricity for the site manufacturing facilities. New on-site transmission lines will connect the site to the provincial power grid, and deliver power to the proposed new ethylene cracker and derivative plants.



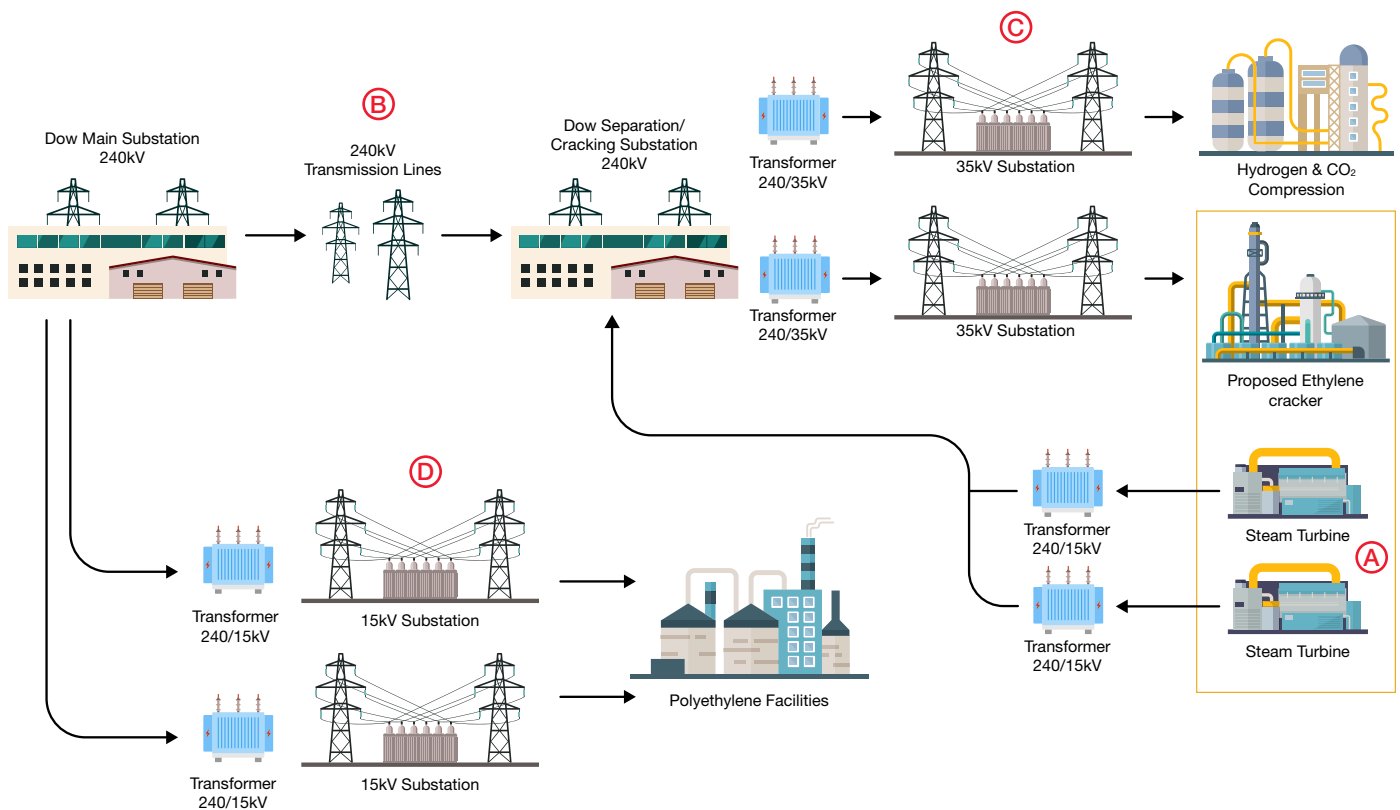
Project Components

Subject to consultation, regulatory and board approvals, the proposed electricity and transmission expansion will consist of:

- (A) Two new steam turbine generators with a combined capacity of 75 MW, located within the proposed new ethylene cracker
- (B) Two new 240 kV substations and interconnecting transmission lines
- (C) Two new 35 kV substations and interconnecting transmission lines
- (D) Two new 15 kV substations and interconnecting transmission lines

These facilities would be constructed within the fence line on Dow's existing site in Fort Saskatchewan.

New 240 kV transmission wires connecting the site to the provincial grid will be separately developed, permitted and owned by the regional transmission facility owner, AltaLink Management Ltd.



Regulatory process

The new facilities must be designed, operated and decommissioned in accordance with Alberta legislation and the Alberta Utilities Commission's (AUC) rules for electricity generation and wires in Alberta. Alberta's electrical system is regulated by the AUC, an independent agency of the province that ensures fair and responsible delivery of utility services. Please see [online AUC brochure](#) for more information on the regulatory approval process.

As part of the regulatory approval process, third-party experts will conduct a number of studies:



Environment: a review of any incremental impacts from the Project, both on-site and in the surrounding area. This will include an air emissions review.



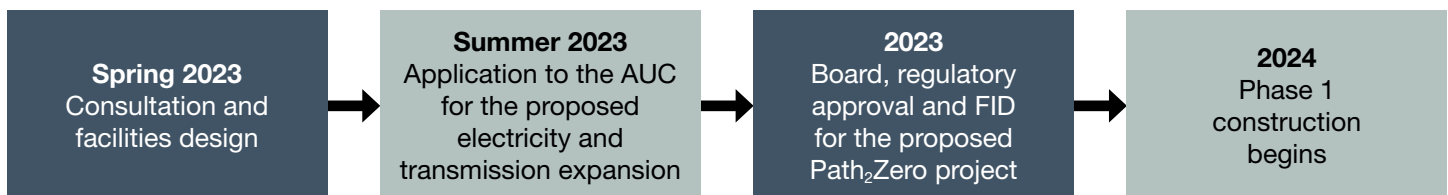
Noise: a comprehensive noise survey and study will be conducted in compliance with AUC Rule 012 Noise Control to ensure all new equipment will comply with both the AUC and municipal guidelines.



Construction/Traffic: a traffic study will be conducted to ensure people and materials coming to the Dow site can be achieved in a safe and responsible manner.

Timeline

Before Dow applies for an approval with the AUC, we are engaging with our stakeholders to ensure we understand and address any concerns. Community engagement will also continue throughout the Path₂Zero project.



Community Collaboration

For more than 60 years in Alberta, we have been committed to playing an active role in helping shape the communities where we live and work. Our actions are aimed at strengthening Dow communities, where all people have the ability to thrive and be their best. We know this is good for business and society.

By sharing project information with neighbours and Indigenous communities, Dow gains valuable insight into local and regional interests. We make every attempt to use this information in our project planning and operations. We recognize the importance of building relationships based on trust and respect.

For the proposed on-site electricity and transmission expansion, a Participant Involvement Program will be conducted in accordance with the AUC Rule 007 approvals process.

About Us

Dow (NYSE:DOW) combines global breadth; asset integration and scale; focused innovation and materials science expertise; leading business positions; and environmental, social and governance (ESG) leadership to achieve profitable growth and deliver a sustainable future.

Our Company's ambition is to become the most innovative, customer centric, inclusive and sustainable materials science company in the world. Dow's portfolio of plastics, industrial intermediates, coatings and silicones businesses delivers a broad range of differentiated, science-based products and solutions for its customers in high-growth market segments, such as packaging, infrastructure, mobility and consumer applications.

Dow operates manufacturing sites in 31 countries and employs approximately 37,800 people. In Canada, Dow employs approximately 700 people. Headquartered in Calgary, Alberta, Dow Canada has four manufacturing locations: Fort Saskatchewan and Prentiss (Lacombe County) in Alberta; and West Hill (Toronto) and St. Clair River (Corunna) in Ontario. Dow Canada's Eastern Canada Regional Sales Centre is located in downtown Toronto. Dow produces polyethylene in Alberta. The St. Clair River site modifies polyethylene and polypropylene. At the West Hill location, Dow manufactures water-based emulsions, which go into a variety of products, the biggest single application being latex paint.

Contact Us

Please contact us with any questions or concerns.

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For more information, please visit www.dowcanada.com and follow us:



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