

Alberta Energy Carbon Capture and Storage Full Project Proposals

ATCO Power

ATCO Power and ATCO Midstream's project proposal is a fully integrated carbon capture, transportation and storage project which has the technical capability to utilize different kinds of fuel to produce clean electricity and can be applied to various industries.

Media contact: Kathy Drever 403-209-6910

Canadian Natural Resources Limited

The project proposes to capture CO₂ at CNRL's Horizon hydrogen plant and will be used in tailings management or transported and stored in a saline aquifer.

Media contact: Peter Kinear 403-514-7580

Enoch Cree Nation / Teedrum

The companies have elected to not disclose information.

Enhance / Northwest

This project is proposing The Alberta Carbon Trunk Line. It will incorporate gasification, CO₂ capture, transportation, enhanced oil recovery and storage in the Alberta Industrial Heartland and central Alberta. It will capture CO₂ from the Agrium fertilizer plant and the Northwest upgrader.

Media contact: Alyssa Haunholter 780-504-2623

EPCOR/ENBRIDGE

The Genesee – Amine CCS project proposes the construction of a fully integrated system that will capture, compress, transport, inject and store CO₂ from a new coal-fired generation facility located next to EPCOR's existing Genesee power plant.

Media contact: Steve Buick 780-412-8877

EPCOR/ENBRIDGE

The Genesee IGCC CCS project proposes to construct and operate an integrated gasification combined cycle carbon capture power generation facility which will be located adjacent to EPCOR'S existing power plant.

Media contact: Steve Buick 780-412-8877

Hydrogen Energy

The Hydrogen Energy Alberta project (HEAL) proposes to design, build and operate a commercial scale IGCC and polygeneration facility. The CO₂ will be used for enhanced oil recovery (EOR) and remained stored in deep geological formations.

Media contact: 403-233-1033

Shell Canada Energy/ Chevron Canada Ltd./ Marathon Oil Sands L.P.

The Quest CCS Project proposes a fully integrated carbon capture and storage project. The CO₂ will be captured from the Scotford Upgrader in the Alberta Industrial Heartland.

Media contact: Philip Vircoe 403-384-5131 or 587-888-5131 (cell)

Sherritt International Corporation

The Dodds-Roundhill Coal Gasification Project proposes to produce value-added energy products while capturing up CO₂ emissions. It will be located 90 kilometres southeast of the Industrial Heartland.

Media inquires to www.sherritt.com website.

Swan Hill Synfuels

The Swan Hills In-Situ Coal Gasification and Sagitawah Power Generation Project proposes in-situ coal gasification with capture and storage of CO₂ to generate electricity.

Media contact: Martin Lambert, CEO, 403-294-6479

TransAlta

The Project Pioneer partnership proposes to build and operate a fully integrated CCS facility at a coal-fired power station in the Wabamun area west of Edmonton.

Media contact: Michael Lawrence 403-267-7330